



CITY OF PIETERMARITZBURG

ANNUAL REPORT
OF THE
MEDICAL OFFICER
OF HEALTH

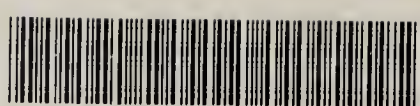
For the Year Ended
31st December, 1962

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PUBLIC HEALTH DEPARTMENT

M. MAISTER, B.A., M.B., Ch.B., D.P.H.
MEDICAL OFFICER OF HEALTH

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INTRODUCTORY

CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT

To

His Worship the Mayor
and Members of the Council of the
City of Pietermaritzburg.

Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City of Pietermaritzburg, for the calendar year 1962.

Infectious disease figures were a little higher than last year but there were no major outbreaks of epidemic disease. Tuberculosis showed an increase in all races, particularly the Bantu, and more than accounted for the higher total for notifiable infectious diseases registered this year. No Poliomyelitis cases occurred at all this year and we continued with oral vaccination right throughout the year.

Infantile Mortality rose slightly in Europeans and Coloureds, but improved in Asiatics. The Death rate was practically unchanged in Europeans, improved a little in the Coloureds, but was higher in Asiatics. Individual disease death rates showed no dramatic changes in all the races this year, but the Bantu death registration was obviously inadequate and no conclusions can be drawn from these figures. Birth rates were a little higher in all races.

Further Positive cases of Rabies were found in the dog population in Pietermaritzburg at the beginning of the year, but none subsequently. No human cases occurred.

No further Council houses were built during the year, but planning commenced for a further 234 'economic' houses for Asiatics and 108 'economic' houses for Coloureds.

A new Non-European Infant Welfare Clinic was built in Boom Street.

I wish to express my thanks to all members of the Staff for the high level of efficiency maintained in the Department throughout the year.

In conclusion, I wish to record my appreciation of the support readily given to me at all times by the Mayor, the Chairman and members of the Public Health Committee, and of the cordial co-operation of the various Municipal Heads of Departments.

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

M. Maister

MEDICAL OFFICER OF HEALTH

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* * * * *

CLIMATE AND RATEABLE VALUE.

Latitude - 29 degrees, 36 minutes, 4 seconds south.

Longitude - 30 degrees, 22 minutes, 46 seconds east.

Altitude - At Market Square : 2,160 ft.

TEMPERATURE AND RAINFALL:

| | <u>RAINFALL</u> <u>IN</u> <u>INCHES</u> | <u>ATMOSPHERIC TEMPERATURE</u> | | | <u>RELATIVE HUMIDITY</u> <u>Average Daily</u> |
|-----------|---|--------------------------------|---------------------|-------------------|--|
| | | <u>Av. Daily</u> | <u>Av. Daily</u> | <u>Av. Daily</u> | |
| | | <u>Maximum</u> o | <u>Minimum</u> o | <u>Mean.</u> o | |
| January | 5.20 | 78.4 | 60.4 | 69.4 | 76.7% |
| February | 4.16 | 78.3 | 62.2 | 70.2 | 82.5% |
| March | 4.67 | 79.1 | 61.6 | 70.3 | 75.6% |
| April | 1.63 | 74.8 | 53.9 | 64.3 | 79.1% |
| May | 0.05 | 70.7 | 45.5 | 58.1 | 83.8% |
| June | 0 | 66.8 | 38.5 | 52.6 | 73.4% |
| July | 0 | 71.8 | 38.5 | 55.1 | 71.0% |
| August | 0.85 | 73.5 | 46.4 | 59.9 | 70.9% |
| September | 0.19 | 75.2 | 52.3 | 63.7 | 77.2% |
| October | 2.29 | 78.3 | 57.0 | 67.6 | 75.3% |
| November | 5.33 | 73.5 | 58.1 | 65.8 | 78.4% |
| December | 2.29 | 79.1 | 62.4 | 70.7 | 69.0% |
| Total | 26.66 | | | | |

AREA OF MUNICIPALITY: 47.66741 sq. miles.

Value of Rateable Property: R76,454,170.

Exempted Property : R27,489,290.

MUNICIPAL RATE: General - Land - 3.05c in Rand.
Buildings - .95c in Rand.

Water - Rate - .25c in Rand.

Total Nett Maintenance Cost (Less Revenue) of Public Health Department for 1961/62 = R91,752, being 7% of the total maintenance cost of the City.

LEADING VITAL STATISTICSYEAR ENDING 31st DECEMBER, 1962.

(Average Rate for period 1954 - 1961 in brackets for comparison).

| | European | Bantu | Coloured | Asiatic |
|--|-------------------|----------------------|---------------------|-------------------|
| <u>POPULATION</u> (Estimated at December 31st, 1962). | 40,050 | 28,000 | 5,000 | 22,700 |
| <u>ILLEGITIMATE BIRTHS</u> Percentage of total births) | 9 1.1% (0.7%) | 375 53.3% (51.3%) | 27 12.9% (15.9%) | 9 1.1% (1.9%) |
| <u>DEATHS</u> <u>CRUDE DEATH RATE</u> (Corrected for outward transfer) | 340 8.5 (8.4) | 129* 4.6 (8.1) | 29 5.8 (6.8) | 143 6.3 (5.9) |
| <u>INFANTILE MORTALITY</u> <u>DEATHS</u> RATE (Per 1,000 Population) | 12 14.7 (23.8) | 57* 81.0 (113.0) | 6 28.6 (38.5) | 29 35.4 (42.3) |
| <u>DEATHS in children from</u> <u>1 - 4 years (incl.)</u> RATE (Per 1,000 Population) | 6 0.15 (0.05) | 17* 0.6 (1.5) | 0 0 (0.5) | 14 0.6 (0.5) |
| <u>RESPIRATORY TUBERCULOSIS</u> Code No. 001 - 008. <u>DEATHS</u> RATE (Per 1,000 Population) | 1 .025 (0.06) | 3* 0.1 (0.3) | 1 0.2 (0.2) | 2 0.09 (0.1) |
| <u>TUBERCULOSIS - OTHER FORMS</u> Code Nos. 010 - 019. <u>DEATHS</u> RATE (Per 1,000 Population) | 0 0 (0.01) | 0* 0 (0.1) | 1 0.2 (0.03) | 0 0 (0.03) |
| <u>MALARIAL FEVER</u> Code No. 040 - 041. <u>DEATHS</u> RATE (Per 1,000 Population) | 0 0 (0.004) | 0* 0 (0.03) | 0 0 (0) | 0 0 (0.004) |
| <u>MALIGNANT AND OTHER NEOPLASMS</u> Code Nos. 140 - 239. <u>DEATHS</u> RATE (Per 1,000 Population) | 47 1.2 (1.2) | 5* 0.2 (0.2) | 2 0.2 (0.6) | 7 0.3 (0.2) |
| <u>DISEASES OF THE CIRCULATORY SYSTEM</u> Code Nos. 400 - 468. <u>DEATHS</u> RATE (Per 1,000 Population) | 14 3.5 (3.2) | 8* 0.3 (0.7) | 5 1.0 (1.1) | 43 1.9 (1.6) |
| <u>BRONCHITIS AND PNEUMONIA</u> Code Nos. 490 - 502. <u>DEATHS</u> RATE (Per 1,000 Population) | 23 0.6 (0.5) | 22* 0.8 (1.4) | 3 0.6 (0.7) | 19 0.8 (0.7) |

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.

* No accurate figures of Bantu deaths could be obtained this year and the figures recorded cannot be relied upon and must be regarded as incomplete.

(1) VITAL STATISTICS:POPULATION:

This is an estimate of the population as at December 31st, 1962, as supplied by the Director of Census and Statistics. The last Government Census was held on September 6th, 1960.

| | European | Bantu | Coloured | Asiatic | All Non-Eur. | All Races |
|---------|----------|--------|----------|---------|--------------|-----------|
| Male | 19,300 | 17,100 | 2,400 | 11,500 | 31,000 | 50,300 |
| Female | 20,750 | 10,900 | 2,600 | 11,200 | 24,700 | 45,450 |
| PERSONS | 40,050 | 28,000 | 5,000 | 22,700 | 55,700 | 95,750 |

TOTAL BIRTHS REGISTERED(A) RESIDENTS

| | Male | | Female | | Persons | | | Percentage of Illeg. to all Births | Birth Rate per 1,000 Population |
|--------------|------|--------|--------|--------|---------|--------|-------|--|---------------------------------------|
| | Leg. | Illeg. | Leg. | Illeg. | Leg. | Illeg. | Total | | |
| European | 412 | 6 | 396 | 3 | 808 | 9 | 817 | 1.1% | 20.4 |
| Bantu | 161 | 196 | 168 | 179 | 329 | 375 | 704 | 53.3% | 25.1 |
| Coloured | 91 | 14 | 92 | 13 | 183 | 27 | 210 | 12.9% | 42.0 |
| Asiatic | 426 | 6 | 385 | 3 | 811 | 9 | 820 | 1.1% | 36.1 |
| All Non-Eur. | 678 | 216 | 645 | 195 | 1323 | 411 | 1734 | 23.7% | 31.1 |
| All Races | 1090 | 222 | 1041 | 198 | 2131 | 420 | 2551 | 16.5% | 27.0 |

(B) NON-RESIDENTS

| | Male | | Female | | Persons | | | Percentage of Illeg. to all Births |
|--------------|------|--------|--------|--------|---------|--------|-------|--|
| | Leg. | Illeg. | Leg. | Illeg. | Leg. | Illeg. | Total | |
| European | 145 | 2 | 127 | 0 | 272 | 2 | 274 | 0.7% |
| Bantu | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coloured | 11 | 1 | 16 | 2 | 27 | 3 | 30 | 10% |
| Asiatic | 7 | 0 | 15 | 0 | 22 | 0 | 22 | 0 |
| All Non-Eur. | 18 | 1 | 31 | 2 | 49 | 3 | 52 | 5.8% |
| All Races | 163 | 3 | 158 | 2 | 321 | 5 | 326 | 1.5% |

D E A T H STOTAL DEATHS REGISTERED (RESIDENTS).

| | Male | | Female | | Persons | |
|--------------|--------|--------------------------------------|--------|--|---------|---|
| | Deaths | Rate per 1,000 Male Population | Deaths | Rate per 1,000 Female Population | Deaths | Death Rate (per 1,000 Population) |
| European | 186 | 9.6 | 154 | 7.4 | 340 | 8.5 |
| *Bantu | 62 | 3.6 | 67 | 6.1 | 129 | 4.6 |
| Coloured | 15 | 6.3 | 14 | 5.4 | 29 | 5.8 |
| Asiatic | 84 | 7.3 | 59 | 5.3 | 143 | 6.3 |
| ALL NON-EUR. | 161 | 5.2 | 140 | 5.7 | 301 | 5.4 |
| ALL RACES | 347 | 6.9 | 294 | 6.5 | 641 | 6.7 |

* The Bantu figures must be regarded as incomplete.

DEATHS: (Pages 5-7) .

Death rates were unchanged for Europeans, were lower for Coloureds, and raised for Asiatics. The Bantu figures were inadequate and cannot be relied upon.

The death rate for all races was 6.7, as compared with 7.3 last year, but because of inadequate Bantu registration, this figure is unreliable.

The following figures indicate the percentage of deaths occurring below the age of 45 in the various races:-

| | | | |
|------------------|---|-------|-------------------|
| European | : | 14.2% | (10.4% last year) |
| Bantu | : | 73.6% | (69.9% last year) |
| Coloured | : | 37.9% | (41.9% last year) |
| Asiatic | : | 42.7% | (51.5% last year) |
| All Non-European | : | 55.5% | (60.7% last year) |

These figures once again show how much better the expectation of life is for Europeans than for Non-Europeans. The table on page 7 also indicates that Cardiac and Circulatory System disease far outweighs all other causes of death amongst Europeans, Asiatics and Coloureds, whilst Respiratory Diseases were the main cause of death in Bantu.

DEATHS AND DEATH RATES (PER 1,000 POPULATION) : VARIOUS CAUSES.
 ABBREVIATED LIST (6th Decennial Revision of International List).
 RESIDENTS ONLY

| | European | | Bantu * | | Coloured | | Asiatic | | All Non-Europeans | | All Races | |
|---|----------|-------|---------|------|----------|-----|---------|------|-------------------|------|-----------|------|
| 1 Tuberculosis of Respiratory System | 1 | .03 | 3 | 0.1 | 1 | 0.2 | 2 | 0.09 | 6 | 0.1 | 7 | 0.1 |
| 2 Tuberculosis, other forms | 0 | 0 | 0 | 0 | 1 | 0.2 | 0 | 0 | 1 | 0.02 | 1 | 0.01 |
| 3 Syphilis and Sequelae | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 Typhoid Fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Cholera | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 Dysentery, all forms | 0 | 0 | 1 | 0.04 | 0 | 0 | 1 | 0.04 | 2 | 0.04 | 2 | 0.02 |
| 7 Scarlet Fever & Strep. Sore Throat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 Diphtheria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 Whooping Cough | 0 | 0 | 1 | 0.04 | 0 | 0 | 0 | 0 | 1 | 0.02 | 1 | 0.01 |
| 10 Meningococcal Infections | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 Plague | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 Acute Poliomyelitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 Smallpox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 Measles | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.04 | 1 | 0.02 | 1 | 0.01 |
| 15 Typhus and other rickettsial diseases | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 Malaria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 Other inf. & parasit.dis. | 0 | 0 | 1 | 0.04 | 2 | 0.4 | 0 | 0 | 3 | 0.05 | 3 | 0.03 |
| 18 Malignant Neoplasms | 47 | 1.2 | 5 | 0.2 | 2 | 0.4 | 7 | 0.3 | 14 | 0.3 | 61 | 0.6 |
| 19 Benign & unspec. Neoplasms | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 Diabetes Mellitus | 2 | 0.05 | 1 | 0.04 | 1 | 0.2 | 6 | 0.3 | 8 | 0.14 | 10 | 0.1 |
| 21 Anaemias | 0 | 0 | 0 | 0 | 1 | 0.2 | 0 | 0 | 1 | 0.02 | 1 | 0.01 |
| 22 Vascr. lesions of C.N.S. | 43 | 1.1 | 3 | 0.1 | 3 | 0.6 | 16 | 0.7 | 22 | 0.4 | 65 | 0.7 |
| 23 Non Meningococcal Mgtts. | 0 | 0 | 3 | 0.1 | 1 | 0.2 | 1 | 0.04 | 5 | 0.1 | 5 | 0.05 |
| 24 Rheumatic Fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 Chronic Rheum. Heart dis. | 4 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0.04 |
| 26 Arteriosclerotic and Degtve. heart disease | 74 | 1.8 | 1 | 0.04 | 2 | 0.4 | 21 | 0.9 | 24 | 0.4 | 98 | 1.0 |
| 27 Other diseases of heart | 31 | 0.8 | 5 | 0.2 | 2 | 0.4 | 20 | 0.9 | 27 | 0.5 | 58 | 0.6 |
| 28 Hypertension with heart disease | 7 | 0.2 | 0 | 0 | 0 | 0 | 2 | 0.09 | 2 | 0.04 | 9 | 0.1 |
| 29 Hypertension without mention of heart | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 Influenza | 3 | 0.075 | 0 | 0 | 1 | 0.2 | 0 | 0 | 1 | 0.02 | 4 | 0.04 |
| 31 Pneumonia | 22 | 0.5 | 21 | 0.8 | 3 | 0.6 | 14 | 0.6 | 38 | 0.7 | 60 | 0.6 |
| 32 Bronchitis | 1 | .03 | 1 | 0.04 | 0 | 0 | 5 | 0.2 | 6 | 0.1 | 7 | 0.07 |
| 33 Ulcer of Stomach & Duod. | 3 | .075 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.03 |
| 34 Appendicitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 Intestinal obstruction and hernia | 2 | 0.05 | 0 | 0 | 1 | 0.2 | 0 | 0 | 1 | 0.02 | 3 | 0.03 |
| 36 Gastritis, Enteritis, exc. of newborn | 1 | 0.03 | 18 | 0.6 | 2 | 0.4 | 12 | 0.5 | 32 | 0.6 | 33 | 0.3 |
| 37 Cirrhosis of liver | 3 | 0.075 | 2 | 0.07 | 0 | 0 | 0 | 0 | 2 | 0.04 | 5 | 0.05 |
| 38 Nephritis & Nephrosis | 4 | 0.1 | 2 | 0.07 | 1 | 0.2 | 0 | 0 | 3 | 0.05 | 7 | 0.07 |
| 39 Hyperplasia of Prostate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 Complicns. of pregnancy, childbirth & puerperium | 0 | 0 | 2 | 0.07 | 0 | 0 | 0 | 0 | 2 | 0.04 | 2 | 0.02 |
| 41 Congenital Malformns. | 2 | 0.05 | 0 | 0 | 0 | 0 | 2 | 0.09 | 2 | 0.04 | 4 | 0.04 |
| 42 Birth injuries, atelectasis, etc. | 2 | 0.05 | 2 | 0.07 | 1 | 0.2 | 4 | 0.2 | 7 | 0.1 | 9 | 0.09 |
| 43 Infections of newborn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 Other diseases of early infancy & immaturity | 7 | 0.2 | 13 | 0.5 | 0 | 0 | 8 | 0.4 | 21 | 0.4 | 28 | 0.3 |
| 45 Senility, without psychosis | 21 | 0.5 | 15 | 0.5 | 1 | 0.2 | 9 | 0.4 | 25 | 0.5 | 46 | 0.5 |
| 46 All other diseases | 38 | 0.9 | 15 | 0.5 | 0 | 0 | 6 | 0.3 | 21 | 1.4 | 59 | 0.6 |
| 47 Motor vehicle accidents | 6 | 0.15 | 2 | 0.08 | 1 | 0.2 | 2 | 0.09 | 5 | 0.1 | 11 | 0.1 |
| 48 All other accidents | 7 | 0.18 | 10 | 0.4 | 2 | 0.4 | 2 | 0.09 | 14 | 0.25 | 21 | 0.2 |
| 49 Suicide | 8 | 0.2 | 1 | 0.04 | 0 | 0 | 2 | 0.09 | 3 | 0.05 | 11 | 0.1 |
| 50 Homicide and war | 1 | 0.03 | 1 | 0.04 | 0 | 0 | 0 | 0 | 1 | 0.02 | 2 | 0.02 |
| TOTAL | 340 | 8.5 | 129 | 4.6 | 29 | 5.8 | 143 | 6.3 | 301 | 5.4 | 641 | 6.7 |

* The Bantu death figures must be regarded as unreliable.

SEASONAL OCCURRENCE OF DEATHS

| | European | | | Bantu* | | | Coloured | | | Asiatic | | | All Non-Eur. | | |
|---------------|----------|-----|-----|--------|----|-----|----------|----|----|---------|----|-----|--------------|-----|-----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| January, 1962 | 14 | 13 | 27 | 6 | 11 | 17 | 4 | 0 | 4 | 4 | 2 | 6 | 14 | 13 | 27 |
| February | 15 | 12 | 27 | 8 | 9 | 17 | 0 | 4 | 4 | 7 | 9 | 16 | 15 | 22 | 37 |
| March | 11 | 10 | 21 | 10 | 6 | 16 | 0 | 0 | 0 | 7 | 6 | 13 | 17 | 12 | 29 |
| April | 10 | 8 | 18 | 3 | 7 | 10 | 1 | 0 | 1 | 6 | 1 | 7 | 10 | 8 | 18 |
| May | 18 | 14 | 32 | 3 | 6 | 9 | 0 | 1 | 1 | 11 | 4 | 15 | 14 | 11 | 25 |
| June | 24 | 23 | 47 | 7 | 8 | 15 | 0 | 1 | 1 | 4 | 6 | 10 | 11 | 15 | 26 |
| July | 24 | 24 | 48 | 3 | 3 | 6 | 3 | 3 | 6 | 17 | 8 | 25 | 23 | 14 | 37 |
| August | 15 | 14 | 29 | 5 | 7 | 12 | 3 | 0 | 3 | 5 | 3 | 8 | 13 | 10 | 23 |
| September | 21 | 16 | 37 | 3 | 2 | 5 | 1 | 1 | 2 | 6 | 8 | 14 | 10 | 11 | 21 |
| October | 13 | 6 | 19 | 6 | 2 | 8 | 2 | 1 | 3 | 4 | 5 | 9 | 12 | 8 | 20 |
| November | 11 | 6 | 17 | 4 | 3 | 7 | 0 | 1 | 1 | 8 | 2 | 10 | 12 | 6 | 18 |
| December | 10 | 8 | 18 | 4 | 3 | 7 | 1 | 2 | 3 | 5 | 5 | 10 | 10 | 10 | 20 |
| TOTAL : | 186 | 154 | 340 | 62 | 67 | 129 | 15 | 14 | 29 | 84 | 59 | 143 | 161 | 140 | 301 |

DEATHS OF RESIDENTS GIVEN IN AGE GROUPS

| | European | | | Bantu* | | | Coloured | | | Asiatic | | | All Non-Eur. | | |
|---------------------|----------|-----|-----|--------|----|-----|----------|----|----|---------|----|-----|--------------|-----|-----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| Under 1 year | 8 | 4 | 12 | 24 | 33 | 57 | 4 | 2 | 6 | 14 | 15 | 29 | 42 | 50 | 92 |
| 1 - 2 years | 3 | 2 | 5 | 6 | 6 | 12 | 0 | 0 | 0 | 4 | 2 | 6 | 10 | 8 | 18 |
| 2 - 4 years | 0 | 1 | 1 | 1 | 4 | 5 | 0 | 0 | 0 | 4 | 4 | 8 | 5 | 8 | 13 |
| 5 - 14 years | 2 | 0 | 2 | 1 | 0 | 1 | 1 | 1 | 2 | 3 | 2 | 5 | 5 | 3 | 8 |
| 15 - 24 years | 3 | 2 | 5 | 3 | 3 | 6 | 0 | 1 | 1 | 4 | 2 | 6 | 7 | 6 | 13 |
| 25 - 34 years | 4 | 2 | 6 | 3 | 2 | 5 | 0 | 1 | 1 | 2 | 0 | 2 | 5 | 3 | 8 |
| 35 - 44 years | 10 | 7 | 17 | 8 | 1 | 9 | 1 | 0 | 1 | 2 | 3 | 5 | 11 | 4 | 15 |
| TOTAL 0 - 44 years | 30 | 18 | 48 | 46 | 49 | 95 | 6 | 5 | 11 | 33 | 28 | 61 | 85 | 82 | 167 |
| 45 - 54 years | 29 | 13 | 42 | 6 | 5 | 11 | 3 | 1 | 4 | 11 | 5 | 16 | 20 | 11 | 31 |
| 55 - 64 years | 24 | 15 | 39 | 5 | 5 | 10 | 3 | 3 | 6 | 11 | 10 | 21 | 19 | 18 | 37 |
| 65 - 74 years | 33 | 29 | 62 | 4 | 5 | 9 | 0 | 2 | 2 | 14 | 13 | 27 | 18 | 20 | 38 |
| 75 and Over | 70 | 79 | 149 | 1 | 3 | 4 | 3 | 3 | 6 | 15 | 3 | 18 | 19 | 9 | 28 |
| TOTAL : | 186 | 154 | 340 | 62 | 67 | 129 | 15 | 14 | 29 | 84 | 59 | 143 | 161 | 140 | 301 |
| TOTAL : 50 and Over | 150 | 133 | 283 | 10 | 13 | 23 | 7 | 8 | 15 | 46 | 28 | 74 | 63 | 49 | 112 |

* The Bantu deaths registrations must be regarded as incomplete.

(1) Vital Statistics continued.SUMMARY OF CAUSES OF DEATH

(Classified into groups and expressed as Percentage of all deaths).

RESIDENTS ONLY

| | European | Bantu* | Coloured | Asiatic |
|--|-------------|------------|-----------|------------|
| 1-019 Tuberculosis | 1 : 0.3% | 3 : 2.3% | 2 : 6.9% | 2 : 1.4% |
| 0-039 Syphilis & other Venereal Diseases | 0 : 0% | 0 : 0% | 0 : 0% | 0 : 0% |
| 0-064 Infectious disease of intestinal tract and other bacterial disease | 0 : 0% | 3 : 2.3% | 2 : 6.9% | 1 : 0.7% |
| 0-096 Diseases attributable to Viruses | 0 : 0% | 0 : 0% | 0 : 0% | 1 : 0.7% |
| 0-205 Malignant Neoplasms | 47 : 13.8% | 5 : 3.9% | 2 : 6.9% | 7 : 4.9% |
| 0 Diabetes | 2 : 0.6% | 1 : 0.8% | 1 : 3.5% | 6 : 4.2% |
| 0-334 Vascular lesions affecting C.W.S. | 43 : 12.6% | 3 : 2.3% | 3 : 10.3% | 16 : 11.2% |
| 0-468 Cardiac Diseases and other diseases of Circulatory System | 140 : 41.2% | 8 : 6.2% | 5 : 17.2% | 43 : 30.1% |
| 0-527 Respiratory Diseases (non-tuberculous) | 30 : 8.8% | 24 : 18.6% | 4 : 13.8% | 19 : 13.3% |
| 3,571 Gastro-enteritis and Colitis (age 4 weeks and over) | 1 : 0.3% | 18 : 14.0% | 2 : 6.9% | 12 : 8.4% |
| 0-587 Other diseases of Digestive System | 13 : 3.8% | 5 : 3.9% | 1 : 3.5% | 1 : 0.7% |
| 0-594 Nephritis and Nephrosis | 4 : 1.2% | 2 : 1.6% | 1 : 3.5% | 0 : 0% |
| 0-759 Congenital Malformations | 2 : 0.6% | 0 : 0% | 0 : 0% | 2 : 1.4% |
| 0-776 Certain diseases of early infancy | 9 : 2.6% | 16 : 12.4% | 1 : 3.5% | 12 : 8.4% |
| 0-795 Senility and ill defined diseases | 21 : 6.2% | 15 : 11.6% | 1 : 3.5% | 9 : 6.3% |
| 0-999 Accidents, violence, poisoning | 22 : 6.5% | 14 : 10.9% | 2 : 6.9% | 6 : 4.2% |
| Other causes | 5 : 1.5% | 2 : 1.6% | 2 : 6.9% | 6 : 4.2% |
| TOTAL DEATHS | 340 | 129 | 29 | 143 |

* The Bantu figures must be regarded as unreliable.

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE : (INCIDENCE PER 1,000 POPULATION IN BRACKETS)

RESIDENTS ONLY (Where the diagnosis has been altered subsequent to notification, the case has been excluded from this total of notifications).

| | European | Bantu | Coloured | Asiatic | All Non-Eur. | All Races |
|--|-----------|-----------|----------|----------|--------------|-----------|
| Enteric Fever | 1 (0.025) | 1 (0.04) | 1 (0.2) | 0 | 2 (0.04) | 3 (0.03) |
| Pulmonary Tuberculosis | 12 (0.3) | 107 (3.8) | 18 (3.6) | 30 (1.3) | 155 (2.8) | 167 (1.7) |
| Tuberculosis - Other Forms | 0 | 2 (0.08) | 1 (0.2) | 2 (0.1) | 5 (0.1) | 5 (0.05) |
| Scarlet Fever | 12 (0.3) | 0 | 0 | 0 | 0 | 12 (0.13) |
| Kwashiorkor | 0 | 4 (0.14) | 0 | 1 (0.4) | 5 (0.1) | 5 (0.05) |
| Puerperal Sepsis | 0 | 3 (0.1) | 0 | 2 (0.1) | 5 (0.1) | 5 (0.05) |
| Trachoma | 0 | 0 | 0 | 1 (0.04) | 1 (0.02) | 1 (0.01) |
| Diphtheria | 3 (0.08) | 5 (0.18) | 6 (1.2) | 3 (1.3) | 14 (0.25) | 17 (0.18) |
| Typhus Fever | 0 | 0 | 0 | 1 (0.04) | 1 (0.02) | 1 (0.01) |
| Cerebro-spinal Fever | 1 (0.025) | 0 | 1 (0.2) | 0 | 1 (0.02) | 2 (0.02) |
| Anterior Poliomyelitis (Paralytic) | 0 | 0 | 0 | 0 | 0 | 0 |
| Anterior Poliomyelitis (Non-Paralytic) | 0 | 0 | 0 | 0 | 0 | 0 |
| Encephalitis | 0 | 0 | 0 | 0 | 0 | 0 |
| Leprosy | 0 | 2 (0.08) | 1 (0.2) | 0 | 3 (0.05) | 3 (0.03) |
| Ophthalmia Neonatorum | 0 | 0 | 0 | 0 | 0 | 0 |
| Smallpox | 0 | 1 (0.04) | 0 | 0 | 1 (0.02) | 1 (0.01) |
| TOTAL : | 29 (0.7) | 125 (4.5) | 28 (5.6) | 40 (1.8) | 193 (3.5) | 222 (2.3) |

(2) INFECTIOUS DISEASE

There were only 222 notifications of infectious disease as compared with 185 in 1961.

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASES) (Page 52).

Altogether 129 patients were admitted during the year 1962, 103 Borough and 26 Out-of-Borough. Figures for previous years were:-

1961 : 106; 1960 : 156; 1959 : 202; 1958 : 184; 1957 : 180; 1956 : 243; 1955 : 147; 1954 : 117; July-December, 1953 : 90; 1951-1952 : 222.

Cases of Puerperal Sepsis, Typhoid Fever and Tuberculosis are provided for usually at Grey's Hospital - the Provincial General Hospital - and King George V - Springfield Hospital for Tuberculosis in Durban. Europeans needing hospitalisation for Venereal Disease are sent by arrangement to Wentworth Hospital, Durban. Cases of Anterior Poliomyelitis are now admitted to the Isolation Hospital for the first 3 weeks (the presumably infectious period) of their illness, and then transferred to the General Hospital or to the Uplands Orthopaedic Home, for further treatment in the case of Europeans, or to the General Hospital Wards or Out-Patient Departments in the case of Non-Europeans.

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL (Page 52).

Admissions during 1962 totalled 413, 102 Borough and 311 Out-of-Borough cases, a marked increase on last year's total of 299 - mainly of Out-of-Borough cases. Admissions during previous years have been as follows:-

1961 : 299; 1960 : 339; 1959 : 384; 1958 : 400; 1957 : 381; 1956 : 414; 1955 : 331; 1954 : 256; July-December, 1953 : 130; 1951-1952 : 223.

AMBULANCE

The following figures have been furnished by the courtesy of the City Engineer:-

- 1) Total number of cases removed : 4,916.
- 2) Infectious cases removed : 785.

LABORATORY WORK:

Laboratory work done by the Pathologist.

| | |
|---|------------|
| Swabs for Diphtheria Bacilli | 165 |
| Swabs for Haemolytic Streptococci | 91 |
| Smears, Swabs, Pus for Gonococcus, organisms, etc. | 1 |
| Cerebro-spinal Fluids | 13 |
| Blood (Vi, Sugar and other examinations) | 10 |
| Blood (Counts, Smears) | 0 |
| Sputum and Pleural Fluids (T.B., organisms, sensitivity) | 0 |
| Stools (Parasites, T.B., S. Typhi, etc.) | 2 |
| Urines (Chemical, microscopic, diastatic index, S. Typhi, etc.) | 2 |
| Milk - for Total Bacterial and Coliform Count | 48 |
| Milk Phosphatase Test | 224 |
| | <u>556</u> |

Laboratory work done by Municipal Bio-Chemist:

| | |
|--|-----|
| Milk - for Breed Count and Resazurin Test | 69 |
| Milk - for Phosphatase Test | 185 |
| Milk - for Coliform Count | 29 |
| Drinking Water - for Bacteriological Count | 286 |

During the year Dr. D. Cowie, who has been Municipal Pathologist since 1940, retired from private practice and resigned from the post of Municipal Pathologist. This work has now been taken over by the pathologist firm of Drs. Drummond, Duncan-Taylor and Rifkin.

Work .../

LABORATORY WORK Cont'd.

Work done in Departmental Laboratory:-

| | | |
|---------------------------------|---|-----|
| No. of Mosquito larvae examined | : | 480 |
| No. of Mosquito adults examined | : | 0 |
| No. of Snails examined | : | 318 |
| No. of Physopsis identified | : | 10 |

NOTIFIABLE INFECTIOUS DISEASE

- (a) ANTHRAX. No cases notified.
- (b) SMALLPOX. 1 Bantu male case was reported this year. This case was considered clinically to be definitely a case of Smallpox and localised vaccination at his place of residence and work was carried out and at the same time a general vaccination campaign was embarked on. The source of infection could not be traced and no secondary cases occurred and Virological and blood complement fixation examinations carried out by the S.A.I.M.R., Johannesburg in this patient were all negative.

VACCINATION.

Every Bantu registering at the Municipal Pass Office is vaccinated when he is medically examined. (See page 23).

In addition, vaccination of infants (all races) has been carried out at the Municipal Infant Welfare Clinics, and adults applying to the Public Health Department are also vaccinated. This service serves to supplement the free service available to the public through the Public Vaccination carried out by the District Surgeon.

The Registrar of Vaccination has supplied the following figures of total vaccinations in Pietermaritzburg, reported to the Registrar of Vaccination.

| | |
|--|-----|
| Successful Vaccinations (under 2) | 118 |
| Successful Vaccinations (over 2) | 22 |
| Insusceptible to Vaccination (under 2) | 4 |
| Insusceptible to Vaccination (over 2) | 2 |
| Exempted from Vaccination | 0 |

The number of vaccinations carried out by this Department at its Clinics during this period was 45,164 (Eur. 11,991; Bantu 10,627; Col. 4,902; As. 17,644.)

This very high figure was due to a mass vaccination campaign in the City following the discovery of the Bantu case of Smallpox.

(c) DIPHTHERIA.

The total number of cases notified in 1962 was 17, as compared with 14 last year. There were no deaths this year from this disease.

The immunisation history in 18 known cases (confirmed by Virulence tests) admitted to our hospitals during 1962 was as follows:-

| Immunised | Non-Immunised |
|--------------------------------------|--------------------------------------|
| Total cases : 2 (1 Eur.: 1 Coloured) | Total cases : 16 (2 Eur.; 14 Bantu.) |
| Deaths : Nil | Deaths : 5 (0 Eur.; 5 Bantu.) |

2,719 Immunisation /

DIPHTHERIA Cont'd.

2,719 Immunisation courses against Diphtheria were completed at the Infant Clinic Sessions, an increase on last year's figure of 2,019. (Eur. 705; Bantu 526; Col. 342; As. 1,146.)

| Race | Pre-Inoculation Schick Tests | No. Positive | Post-Inoculation Schick Tests | No. Positive |
|----------|------------------------------|--------------|-------------------------------|--------------|
| European | 5 | 2 | 60 | 10 |
| Bantu | - | - | - | - |
| Coloured | - | - | - | - |
| siatic | - | - | - | - |

The following table gives the Total Births, the Notifications and Deaths from Diphtheria, and the number of Children Immunised by the Public Health Department since 1951:-

DIPHTHERIA

| Y E A R | EUROPEAN | | | | BANTU | | | | COLOURED | | | | ASIATIC | | | |
|-----------------|----------|-----------|---------------|--------|--------|-----------|---------------|--------|----------|-----------|---------------|--------|---------|-----------|---------------|--------|
| | Births | Immunised | Notifications | Deaths | Births | Immunised | Notifications | Deaths | Births | Immunised | Notifications | Deaths | Births | Immunised | Notifications | Deaths |
| 1951-June, 1952 | 682 | 262 | 12 | 1 | 326 | 67 | 2 | 1 | 163 | 152 | 2 | - | 717 | 435 | - | - |
| 1952- " 1953 | 702 | 221 | 16 | 2 | 248 | 53 | 5 | - | 187 | 74 | 1 | - | 639 | 369 | 4 | - |
| 1954-Dec., 1954 | 1019 | 660 | 14 | - | 914 | 154 | 8 | 2 | 265 | 252 | - | - | 1200 | 698 | 8 | 2 |
| - Dec., 1955 | 664 | 610 | *17 | 1 | 1114 | 347 | 6 | 1 | 174 | 203 | 2 | - | 686 | 1333 | 9 | 1 |
| - " 1956 | 685 | 398 | o22 | 2 | 1101 | 257 | 6 | 1 | 170 | 156 | 1 | - | 790 | 632 | 2 | - |
| - " 1957 | 701 | 371 | 19 | 1 | 874 | 123 | -7 | 1 | 179 | 177 | - | - | 788 | 838 | 3 | 1 |
| - " 1958 | 798 | 367 | 9 | - | 669 | 172 | -11 | 5 | 217 | 143 | o5 | - | 779 | 678 | 5 | 2 |
| - " 1959 | 777 | 753 | 126 | 3 | 630 | 258 | 2 | 2 | 206 | 265 | - | - | 837 | 978 | 5 | 2 |
| - " 1960 | 753 | 596 | o11 | 1 | 703 | 197 | 1 | 1 | 210 | 243 | 2 | - | 748 | 1296 | 3 | - |
| - " 1961 | 762 | 601 | 8 | - | 687 | 160 | 2 | - | 191 | 185 | 1 | 1 | 827 | 984 | 3 | - |
| - " 1962 | 817 | 705 | 3 | - | 704 | 526 | 5 | - | 210 | 342 | 6 | - | 820 | 1146 | 3 | - |

- * Includes 8 carriers
- " Includes 6 carriers
- o Includes 2 carriers
- Includes 1 carrier

No figures are available of the number of other persons immunised, but many European children are being immunised by private practitioners.

(d) SCARLET FEVER

12 Cases were notified as compared with 37 cases last year. The disease continued to be mild.

(e) CEREBRO-SPINAL MENINGITIS

2 Cases (1 Eur. and 1 Coloured) were notified during the year, as compared with nil last year.

(f) ANTERIOR POLIOMYELITIS

No cases were notified this year, as compared with 1 last year.

This Department switched over completely to the "Oral" Poliomyelitis Vaccine (Sabin) which was freely available and was offered to eligible age groups in all races as laid down by the State Health Department.

ANTERIOR POLIOMYELITIS

Cont'd.

The Vaccine is now given at the regular immunisation clinics held throughout the year. Reactions to the vaccines were few in number and in no case became serious. During 1962 this Department administered the following doses of the Oral Vaccine:-

| | Oral Vaccine Total doses | No. of Pregnant Women Receiving Vaccine |
|-----------|-----------------------------|---|
| Europeans | 2,284 | 30 |
| Bantu | 1,317 | 1 |
| Coloureds | 861 | 16 |
| Asiatics | 2,865 | 28 |
| TOTAL | 7,327 | 75 |

The annual incidence of Poliomyelitis in Pietermaritzburg is shown in the following table of notifications:-

| | | | | |
|------------|------------|------------|------------|------------|
| 1941 - 0; | 1942 - 12; | 1943 - 2; | 1944 - 15; | 1945 - 7; |
| 1946 - 0; | 1947 - 2; | 1948 - 32; | 1949 - 4; | 1950 - 1; |
| 1951 - 11; | 1952 - 3; | 1953 - 3; | 1954 - 25; | 1955 - 20; |
| 1956 - 51; | 1957 - 20; | 1958 - 4; | 1959 - 4; | 1960 - 6; |
| 1961 - 1; | 1962 - 0. | | | |

Poliomyelitis cases are treated in the Municipal Isolation Hospitals for a period of three weeks and then transferred to the Provincial Hospitals or to the Uplands Orthopaedic Home for further orthopaedic treatment when required.

(g) ENCEPHALITIS

No cases of Infective Encephalitis were notified.

(h) ENTERIC FEVER:

Only 3 cases were notified, 1 European, 1 Bantu and 1 Coloured, as compared with 10 cases last year.

42 Persons were immunised (31 European, 4 Asiatic and 7 Bantu), contacts of patients suffering from Typhoid Fever. (See also page 20, section (11) Milk Supplies.) In addition, employees of the City Engineer's Department in the Water Section are immunised yearly. (8 Europeans and 13 Bantu.)

(3) TUBERCULOSIS. (Pages 36-37).

Notifications of Pulmonary Tuberculosis totalled 137, a considerable increase on last year's total of 110, 12 of these being of Europeans. Notifications of Non-Pulmonary Tuberculosis totalled 5 (all Non-European), as compared with 7 last year.

69 Borough cases (1 European, 47 Bantu, 7 Coloureds and 14 Asiatics) were admitted to our Non-European Infectious Diseases Hospital.

Responsibility was accepted for the treatment of Pietermaritzburg cases of Pulmonary Tuberculosis at other hospitals as follows:-

| | | |
|--------------------------------------|---|--------------------------|
| Grey's Hospital | : | Eur. 1; Col. 9. |
| King George V / Springfield Hospital | : | Eur. 10; Bantu 1; As. 3. |
| Edendale Non-European Hospital | : | Bantu 28; As. 6. |
| S.A.N.T.A. Doris Goodwin Centre | : | Bantu 15. |
| F.O.S.A. Settlement | : | As. 1. |
| Other Hospitals | : | Eur. 1; Bantu 3; As. 1. |

TUBERCULOSIS.

Cont'd.

The Natal Anti-Tuberculosis Association rendered assistance to 60 families in Pietermaritzburg (1 European, 46 Bantu, 12 Coloured and 1 Asiatic).

The following tables illustrate the trend in notifications and deaths from this disease over the period 1935 - 1962:-

PULMONARY TUBERCULOSIS

| | NOTIFICATIONS | | | | | | DEATHS | | | | | |
|-----------------|---------------|-------|------|-----|--------------|-------|--------|-------|------|-----|--------------|-------|
| | Eur. | Bantu | Col. | As. | All Non-Eur. | Total | Eur. | Bantu | Col. | As. | All Non-Eur. | Total |
| 1935-June, 1936 | 17 | 38 | 15 | 32 | 85 | 102 | 2 | 14 | 3 | 12 | 29 | 31 |
| 1936- " 1937 | 8 | 40 | 8 | 20 | 68 | 76 | 4 | 18 | 7 | 17 | 42 | 46 |
| 1937- " 1938 | 17 | 40 | 15 | 14 | 69 | 86 | 7 | 29 | 7 | 7 | 43 | 50 |
| 1938- " 1939 | 15 | 40 | 15 | 10 | 65 | 80 | 5 | 19 | 6 | 8 | 33 | 38 |
| 1939- " 1940 | 7 | 23 | 7 | 17 | 47 | 54 | 4 | 15 | 7 | 9 | 31 | 35 |
| 1940- " 1941 | 7 | 13 | 11 | 7 | 31 | 38 | 3 | 19 | 1 | 6 | 29 | 32 |
| 1941- " 1942 | 8 | 22 | 6 | 18 | 46 | 54 | 5 | 9 | 1 | 15 | 25 | 30 |
| 1942- " 1943 | 8 | 29 | 2 | 27 | 58 | 66 | 5 | 13 | 2 | 16 | 31 | 36 |
| 1943- " 1944 | 5 | 23 | 3 | 24 | 50 | 55 | 3 | 14 | 4 | 14 | 32 | 35 |
| 1944- " 1945 | 13 | 52 | 5 | 30 | 87 | 100 | 3 | 14 | 4 | 11 | 29 | 32 |
| 1945- " 1946 | 12 | 60 | 10 | 24 | 94 | 106 | 10 | 24 | 6 | 12 | 42 | 52 |
| 1946- " 1947 | 10 | 51 | 13 | 25 | 89 | 99 | 11 | 51 | 6 | 11 | 48 | 59 |
| 1947- " 1948 | *23 | 49 | 9 | 32 | 90 | 113 | 9 | 25 | 4 | 18 | 45 | 54 |
| 1948- " 1949 | 18 | 68 | 8 | 22 | 98 | 116 | 8 | 44 | 4 | 11 | 59 | 67 |
| 1949- " 1950 | 17 | 62 | 9 | 17 | 88 | 105 | 3 | 27 | 3 | 10 | 40 | 43 |
| 1950- " 1951 | 18 | 58 | 9 | 38 | 105 | 123 | 2 | 20 | 3 | 9 | 32 | 34 |
| 1951- " 1952 | 17 | 64 | 15 | 33 | 112 | 129 | 1 | 30 | 6 | 13 | 49 | 50 |
| 1952- " 1953 | 18 | 65 | 21 | 46 | 132 | 150 | 3 | 11 | 5 | 3 | 19 | 22 |
| 1953-Dec., 1954 | 20 | 44 | 5 | 12 | 61 | 81 | 3 | 6 | 2 | 5 | 13 | 16 |
| 1954-Dec., 1955 | 14 | 75 | 9 | 31 | 115 | 129 | 0 | 11 | 2 | 2 | 15 | 15 |
| 1955- " 1956 | 8 | 86 | 14 | 11 | 111 | 119 | 0 | 3 | 0 | 4 | 7 | 7 |
| 1956- " 1957 | 11 | 84 | 11 | 23 | 118 | 129 | 2 | 14 | 1 | 2 | 17 | 19 |
| 1957- " 1958 | 13 | 83 | 10 | 24 | 117 | 130 | 2 | 11 | 0 | 8 | 19 | 21 |
| 1958- " 1959 | 9 | 97 | 6 | 21 | 124 | 133 | 1 | 9 | 0 | 2 | 11 | 12 |
| 1959- " 1960 | 8 | 92 | 10 | 30 | 132 | 140 | 0 | 10 | 0 | 2 | 12 | 12 |
| 1960- " 1961 | 4 | 80 | 3 | 23 | 106 | 110 | 1 | 6 | 2 | 1 | 9 | 10 |
| 1961- " 1962 | 12 | 107 | 18 | 30 | 155 | 167 | 1 | 3 | 1 | 2 | 6 | 7 |

* Includes 1 case also notified as Non-Pulmonary Tuberculosis.

NON-PULMONARY TUBERCULOSIS

| | NOTIFICATIONS | | | | | | DEATHS | | | | | |
|-----------------|---------------|-------|------|-----|--------------|-------|--------|-------|------|-----|--------------|-------|
| | Eur. | Bantu | Col. | As. | All Non-Eur. | Total | Eur. | Bantu | Col. | As. | All Non-Eur. | Total |
| 1935-June, 1936 | 3 | 3 | 1 | 6 | 10 | 13 | 1 | 2 | 0 | 2 | 4 | 5 |
| 1936- " 1937 | 2 | 8 | 0 | 5 | 13 | 15 | 1 | 4 | 0 | 3 | 7 | 8 |
| 1937- " 1938 | 5 | 10 | 3 | 6 | 19 | 24 | 3 | 1 | 2 | 3 | 6 | 9 |
| 1938- " 1939 | 1 | 3 | 0 | 3 | 6 | 7 | 0 | 2 | 0 | 2 | 4 | 4 |
| 1939- " 1940 | 2 | 3 | 1 | 3 | 7 | 9 | 1 | 2 | 1 | 0 | 3 | 4 |
| 1940- " 1941 | 3 | 2 | 0 | 3 | 5 | 8 | 2 | 1 | 0 | 0 | 1 | 3 |
| 1941- " 1942 | 2 | 7 | 2 | 7 | 16 | 18 | 1 | 3 | 1 | 3 | 7 | 8 |
| 1942- " 1943 | 1 | 3 | 4 | 2 | 9 | 10 | 1 | 1 | 1 | 3 | 5 | 6 |
| 1943- " 1944 | 1 | 4 | 0 | 3 | 7 | 8 | 0 | 5 | 1 | 3 | 9 | 9 |
| 1944- " 1945 | 2 | 6 | 1 | 8 | 15 | 17 | 0 | 3 | 2 | 5 | 10 | 10 |
| 1945- " 1946 | 1 | 5 | 3 | 3 | 11 | 12 | 1 | 4 | 1 | 3 | 8 | 9 |
| 1946- " 1947 | 1 | 8 | 3 | 2 | 13 | 14 | 0 | 11 | 3 | 3 | 17 | 17 |
| 1947- " 1948 | *5 | 9 | 1 | 4 | 14 | 19 | 1 | 8 | 1 | 2 | 11 | 12 |
| 1948- " 1949 | 0 | 7 | 0 | 7 | 14 | 14 | 1 | 7 | 1 | 2 | 10 | 11 |
| 1949- " 1950 | 0 | 12 | 2 | 10 | 24 | 24 | 1 | 3 | 1 | 2 | 6 | 7 |
| 1950- " 1951 | 1 | 10 | 3 | 12 | 25 | 26 | 0 | 0 | 1 | 2 | 9 | 9 |
| 1951- " 1952 | 0 | 7 | 1 | 9 | 17 | 17 | 1 | 2 | 0 | 1 | 3 | 4 |
| 1952- " 1953 | 1 | 6 | 0 | 4 | 10 | 11 | 0 | 7 | 1 | 1 | 9 | 9 |
| 1953-Dec., 1954 | 1 | 7 | 0 | 5 | 12 | 13 | 0 | 2 | 0 | 3 | 5 | 5 |
| 1954-Dec., 1955 | 1 | 4 | 1 | 3 | 8 | 9 | 1 | 3 | 0 | 0 | 3 | 4 |
| 1955- " 1956 | 0 | 1 | 0 | 1 | 2 | 2 | 1 | 2 | 0 | 0 | 4 | 4 |
| 1956- " 1957 | 4 | 2 | 1 | 1 | 4 | 8 | 0 | 2 | 1 | 1 | 4 | 4 |
| 1957- " 1958 | 1 | 4 | 1 | 2 | 7 | 8 | 0 | 4 | 0 | 1 | 5 | 5 |
| 1958- " 1959 | 0 | 3 | 1 | 3 | 7 | 7 | 0 | 4 | 0 | 0 | 4 | 4 |
| 1959- " 1960 | 0 | 1 | 2 | 2 | 5 | 5 | 0 | 1 | 0 | 1 | 2 | 2 |
| 1960- " 1961 | 0 | 3 | 0 | 4 | 7 | 7 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1961- " 1962 | 0 | 2 | 1 | 2 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

* Includes 1 case also notified as Pulmonary Tuberculosis.

There /

NON-PULMONARY TUBERCULOSIS (Cont'd.)

There was a marked upsurge in the total of notifications of this disease in all races this year, though the total of deaths was again less than in the previous year. The increase in notifications is probably largely due to increased case finding activity by this Department. Approximately 27% of the total expenditure by this Department was under the head "Anti-Tuberculosis Measures" (26% last year).

MINIATURE MASS RADIOGRAPHY.

In 1954 the City Council installed a 70 mm. Miniature X-Ray set (a fixed unit) in the Public Health Department.

The following table indicates the type of patient coming to or being referred to the unit for a miniature X-Ray :- (See page 43 for detailed breakdown of these figures).

| | European | N-European | Total |
|---|----------|------------|--------|
| Referred ex Bantu Pass Office med. exam. | - | 13,661 | 13,661 |
| Referred for Pre-employment X-Ray | 109 | 382 | 491 |
| Referred by Employers | 333 | 1,856 | 2,189 |
| Referred by Doctors | 250 | 948 | 1,198 |
| Referred by Health Visitor | 158 | 836 | 994 |
| Applied Voluntarily for Miniature X-Ray | 561 | 277 | 838 |
| Follow-up X-Rays of cases attending Municipal Clinics or in T.B. or other Hospitals | 96 | 1,443 | 1,539 |
| Total Persons X-Rayed | 1,507 | 19,403 | 20,910 |

The final results of investigations carried out on cases suspected to be suffering from Pulmonary Tuberculosis as a result of the Miniature X-Ray revealed the following:-

| | <u>European</u> | <u>Non-European</u> | <u>Total</u> |
|----------------------------------|-----------------|---------------------|--------------|
| Active cases of Pulmonary T.B. | 25 | 273 | 298 |
| Arrested cases of Pulmonary T.B. | 3 | 14 | 17 |

With the Miniature X-Ray plant available, contact examination at the T.B. Clinic has been reduced considerably, as a routine Miniature X-Ray of all contacts old enough is now taken and only when abnormalities are noted are the contacts referred for closer investigation at the Clinic. Routine follow-up X-Rays of T.B. Patients at the Clinics and our hospitals are to a large extent being done by this Miniature plant with an occasional large plate for confirmation.

All Bantu passing through the Municipal Registration Medical Examination have a Miniature X-Ray as a routine. This year's figures show that 543 out of a total of 13,118 Bantu (i.e. 41% were referred from the Pass Office for further investigation at the T.B. Clinic).

THE TUBERCULOSIS CLINIC (Page 42).

Staff: Medical Officer (Part-time), a European Health Visitor (Full-time), and a Bantu Health Assistant (Full-time).

During the year there were 4,217 attendances at the Clinic (including 1,712 Out-of-Borough cases), as compared with last year's total of 2,632. All contacts are now referred first of all to the Miniature X-Ray Clinic or Heaf or Mantoux tested in the case of children and only brought to clinic if found to be abnormal, whilst patients for Streptomycin injections only occasionally attend the clinic sessions as well, being supervised from the Streptomycin Clinic.

THE TUBERCULOSIS CLINIC (Cont'd.)

B.C.G. immunisation of infants was continued at the Sobantu Village during the year on newly born infants, infants up to the age of 2 who attended our Infant Welfare Clinics, and on contact cases. All Tuberculin tests are now carried out by the "Heaf Gun" method and read after 7 days.

| 'Heaf' Tuberculin Tests (Bantu) | B.C.G. inoculation (Hypodermic method) (Bantu) | 'Heaf' Tuberculin tests following B.C.G. administration (Bantu) |
|---------------------------------|--|---|
| Positive 30 | 187 | Positive 21 |
| Negative 194 | | Negative 6 |
| Doubtful 5 | | Doubtful - |
| Not Read 21 | | Not Read 2 |
| Total 250 | | Total 29 |

Out-Patient continuation treatment with Oral Anti-Tuberculosis drugs has been used for patients discharged from hospital. Patients for whom no bed can be found in hospital are also started on treatment until beds become available, and some cases are maintained on Out-Patient treatment alone. Most local cases are able to commence treatment with a period of hospitalisation.

During the year 3 European, 39 Bantu, 5 Coloured and 10 Asiatic patients received regular Streptomycin injections at the 4 special clinic sessions (2 in town and 2 at the Sobantu Village) held per week for this purpose. (See page 42). 2 European patients were given Streptomycin at home. 2 Bantu patients received their injections at their place of employment.

4,576 Visits were made to tuberculous and contacts in their homes, (Borough cases only), as compared with last year's total of 2,984.

The following notified cases were on our Tuberculosis Register as at 31st December, 1962. (1961 figures in brackets for comparison):-

| | <u>Eur.</u> | <u>Bantu</u> | <u>Col.</u> | <u>As.</u> | <u>All N-Eur.</u> | <u>Total</u> |
|------------|-------------|--------------|-------------|------------|-------------------|--------------|
| Pul. T.B. | 135 (122) | 782 (672) | 102 (82) | 301 (267) | 1,185 (909) | 1,320 (1027) |
| N-Pul T.B. | 18 (7) | 28 (24) | 9 (9) | 36 (35) | 73 (66) | 91 (73) |

The Pietermaritzburg Tuberculosis Hospital : (Non-European only).

Admissions totalled 158, 68 Borough cases (47 Bantu, 7 Coloured and 14 Asiatic) and 90 Out-of-Borough cases (79 Bantu, 7 Coloured and 4 Asiatic), as compared with 63 Borough and 65 Out-of-Borough cases last year.

There has been no difficulty in securing the admission of European cases to King George V Hospital for Tuberculosis in Durban, there being no Tuberculosis beds available for Europeans in Pietermaritzburg.

(4) VENEREAL DISEASE (Pages 47-51).

- (a), (b) One Clinic Session is held weekly for each race and sex, conducted by and (c) the Assistant Medical Officers of Health. These Clinics are held in the Public Health Department for Europeans and at the Municipal Clinic in East Street for Non-Europeans. Separate Clinic Sessions are held for European Males, European Females and Bantu Females. A combined session is held for Coloured and Asiatic Females, and a combined session is held for Coloured, Asiatic and Bantu Males. One European Health Visitor (half-time only), 1 Bantu Nurse, and 2 Bantu Health

(4) VENEREAL DISEASE (Cont'd.)

Assistants, assist at the Clinics. Two Bantu Health Assistants devote their full time to Venereal Diseases.

(d) Every effort is made to trace contacts and sources of infection and to follow-up defaulters to ensure completion of treatment. A European Health Visitor deals with the investigation and follow-up of European, Coloured and Asiatic cases, and supervises the work of the Bantu Health Assistants who deal with Bantu only.

(e) This Local Authority does not conduct the Ante-Natal Clinics held in Pietermaritzburg. The Medical Superintendent, Grey's Hospital, advises that the results of routine Wassermann Tests at the Ante-Natal Clinics are as follows:-

| Jan.-Dec. | EUROPEAN | | | | BANTU | | | | COLOURED | | | | ASIATIC | | | |
|-----------|-----------|-------|--------------------|-------|-----------|-------|--------------------|-------|-----------|-------|--------------------|-------|-----------|-------|--------------------|-------|
| | WR's done | % Pos | VD.RL Screen Tests | % Pos | WR's done | % Pos | VD.RL Screen Tests | % Pos | WR's done | % Pos | VD.RL Screen Tests | % Pos | WR's done | % Pos | VD.RL Screen Tests | % Pos |
| 1958 | 300 | 1.3% | - | - | - | - | - | - | 304 | 56% | - | - | 1207 | 2.3% | - | - |
| 1959 | 291 | 2.8% | - | - | - | - | - | - | 156 | 96% | - | - | 725 | 5% | - | - |
| 1960 | 346 | 58% | - | - | - | - | - | - | 286 | 91% | - | - | 1111 | 48% | - | - |
| 1961 | 376 | 1.9% | - | - | - | - | - | - | 325 | 188% | - | - | 1343 | 82% | - | - |
| 1962 | 1148 | 8.9% | 1169 | 8.5% | 167 | 186% | 172 | 25.6% | 682 | 13.4% | 686 | 18.4% | 1237 | 5.2% | 1252 | 16.6% |

Bantu Ante-Natal Clinics have been transferred to Edendale Hospital in 1953, and are no longer held in Pietermaritzburg.

A small Ante-Natal Clinic is held in the Sobantu Village for Bantu who are to be confined at home by the Municipal Midwife, and the Ante-Natal figures for that Clinic are as follows:-

No. of Tests : 142

WRs. Positive : 29 (20.4%)

(f) The average annual attendance of patients suffering from Venereal Disease at the Clinics was as follows:-

| | EUROPEAN | | | | BANTU | | | | COLOURED | | | | ASIATIC | | | |
|------|----------|------|------|---|-------|-----|------|-----|----------|-----|------|------|---------|-----|------|-----|
| | Bor. | | O/B. | | Bor. | | O/B. | | Bor. | | O/B. | | Bor. | | O/B. | |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| 1954 | 2.1 | - | 0.3 | - | 3.8 | 3.6 | 2.8 | 2.6 | 3.8 | 2.2 | - | 10.2 | 3.0 | 2.4 | - | 9.3 |
| 1955 | 2.1 | 5 | 0 | 0 | 3.1 | 3.9 | 2 | 2.3 | 3.3 | 4.3 | 1.3 | 4.7 | 2.7 | 1.1 | 1 | 3.5 |
| 1956 | 2.5 | 3.3 | 0 | 0 | 3.7 | 4.4 | 2 | 2.6 | 3.7 | 4.4 | 1 | 2.7 | 2.3 | 2.6 | - | - |
| 1957 | 3.5 | 8.5 | 0 | 0 | 3.8 | 4.2 | 2.3 | 2.4 | 1.7 | 4.0 | 1 | 4 | 3.0 | 5.0 | 1 | 4.4 |
| 1958 | 2.3 | 4.1 | 0 | 0 | 3.2 | 4.7 | 2.5 | 2.6 | 2.5 | 6.0 | 1.1 | 3.8 | 2.7 | 4.7 | - | 1.6 |
| 1959 | 2.3 | 3.4 | 0 | 0 | 3.0 | 4.0 | 1.7 | 2.7 | 1.9 | 3.4 | 1 | 1 | 2.1 | 4.7 | 1 | 3.5 |
| 1960 | 3.8 | 3.0 | 0 | 2 | 2.8 | 3.4 | 1.3 | 1.8 | 1.8 | 4.0 | 1.8 | 1.8 | 3.1 | 2.9 | 2 | 2.6 |
| 1961 | 5.2 | 4.2 | 0 | 1 | 3.1 | - | 1.3 | 2.7 | 1.9 | 4.6 | 1 | 2.3 | 1.6 | 4.1 | 1 | 2.4 |
| 1962 | 5.1 | 10.3 | 0 | 2 | 3.1 | 4.9 | 1.7 | 2.3 | 6.9 | 3.4 | 1 | 1.7 | 2.8 | 2.7 | 1.5 | 2.7 |

These figures are arrived at by dividing the total number of Clinic Attendances for the period by the number of patients who attended the clinics during that period.

(g) There was an increase in Clinic Attendances for 1962, there being 4,871 attendances during the year, as compared with last year's total of 3,767. 1,740 Home Visits were paid to cases of Venereal Disease during the year as compared with 1961 total of 1,081.

EPIDEMIC HOSPITAL (Non-European V.D.) Cont'd.

Admissions to this hospital totalled 700, an increase on last year's total of 544. The daily average of in-patients totalled 11 as compared with last year's figure of 7. There has been a steady increase in the number of admissions to this hospital since 1955, when the lowest total of admissions was recorded, viz. 358. The increase in Venereal Disease in recent years has been noted all over the world, and the tremendous drop in incidence due to the use of penicillin now appears to have ended.

Past figures of admission to this hospital have been as follows:-

| | | | | |
|----------------|---------------|-------------|-------------|-------------|
| 1951-2 : 1312; | 1952-3 : 910; | 1954 : 561; | 1955 : 358; | 1956 : 396; |
| 1957 : 443; | 1958 : 413 | 1959 : 460; | 1960 : 456; | 1961 : 544. |

The re-admissions for this period numbered 52, i.e. 7.4% of admissions as compared with 8.1%, 5.7%, 13.8% and 9.3% the preceding five years. An analysis of patients' reasons for re-admissions and for failure to continue treatment, is given in the following table:-

| | Male | Female | Total |
|--|------|--------|-------|
| 1) Patients re-admitted suffering from forms of V.D. other than that originally admitted for | 1 | 0 | 1 |
| 2) Relapsed though attended clinic fairly regularly | 13 | 5 | 18 |
| 3) Reinfected after discharge | 21 | 12 | 33 |

Approval is now being sought for the building of a new Clinic adjoining the recently built Infant Welfare Clinic building in Boom Street. This site is directly opposite the Provincial Non-European Out-Patient Clinic (Bantu and Asiatics), and the clinic is designed to be used both for Tuberculosis and Venereal Diseases sessions. It has been designed so that separate Male and Female sections can be used concurrently, so that Male and Female V.D. sessions can be conducted at the same time, but separately, thus using the same staff more fully. It will permit the holding of a second male clinic session each week.

(5) PLAGUE.

No cases of Plague occurred during the year. Regular inspection of new shops and warehouses in the course of erection has been carried out and their rodent-proofing has been supervised. No rodent work has been carried out on commonage, but the rodent-proofing of existing infested premises has been dealt with intensively. A single Departmental Rodent Officer devotes all his time to anti-rodent measures, rodent-proofing, trapping and poisoning (with Zinc Phosphide and also with Warfarin - Pivalyl Liquid Rodenticide). Cyanogas pumping is also employed.

There are 3 Grain Stores in the City; all are now rodent-proofed. There are 2 mills in the City. Rodent-proofing measures were supervised in one.

| | | | |
|---|------|------------------------------|----------|
| Trapping operations by Rodent Inspector: | 12. | Rodents trapped | 23 |
| Poisoning " " " " | 240. | Rodents Poisoned: | |
| | | (Bodies recovered) | 63. |
| | | (Amount of Poison meal used) | |
| | | | 164 lbs. |
| Gassing operations by Rodent Inspector : | 18. | Bodies recovered | 41 |
| 18 Dwellings completed rodent-proofing - | 36 | inspected. | |
| 96 Business premises, hotels, shops and stores rodent-proofed - | 210 | inspected. | |
| Stables - 3 inspected; 1 rodent-proofed. | | | |

New buildings in course of erection supervised for rodent-proofing : 28.

Vacant/

PLAGUE. Cont'd.

Vacant Land gassed : 9.
Premises inspected prior to demolition : 13.
Premises gassed prior to demolition : 3.
Premises poisoned prior to demolition : 7.

(6) RABIES:

Further positive cases of Rabies were found in dogs in Pietermaritzburg at the beginning of the year, but not subsequently. Natal, however, is not clear of infection yet and the Veterinary restrictions and compulsory inoculation of dogs is still in force in Pietermaritzburg. No human cases of Rabies have occurred in Pietermaritzburg.

(7) OTHER COMMUNICABLE DISEASES:(I) MALARIA

Control by spotting of larvae and spraying of selected breeding spots has again been carried out in the Borough. No malarial mosquito vectors were discovered inside the Borough and no new infections of malaria occurred within the Borough. No imported cases of malaria were notified.

Permanent work on the 'Malarial' drains was continued in the off season.

Spraying was carried out to keep down the Anopheline population in known breeding areas and to deal with Culicine breeding which was causing a nuisance, D.D.T. suspension being used with satisfactory results.

(II) BILHARZIA

Regular surveys were carried out for the identification of snails. Copper Sulphate was used for the treatment of streams where Physopsis Africana were identified with a resultant rapid and considerable reduction in the number of snails found, treatment being repeated at 2 monthly intervals.

| | | |
|-------------------------------|---|-----|
| Snails examined | : | 318 |
| Physopsis Africana identified | : | 10 |

Warning notice boards have been erected at the various spots used as bathing spots.

(III) ENTERITIS in infants under the age of one year accounted for 23 deaths, (15 Bantu, 1 Coloured and 7 Indian), as compared with 29 last year.

(IV) MUMPS

This disease was moderately prevalent in both European and Non-European children during the year, 19 cases being admitted to the Isolation Hospitals.

(V) MEASLES

This disease was very prevalent in school children this year. 44 European and 10 Non-European Borough cases being admitted to the Isolation Hospitals. 1 Asiatic death was recorded from this disease.

(VI) GERMAN MEASLES was fairly moderately prevalent this year. 10 European cases and 1 Coloured case were admitted to the Isolation Hospitals.

(VII) CHICKEN POX

This disease was not very prevalent, 13 European and 10 Non-European cases being admitted to the Isolation Hospitals.

(VIII) WHOOPING COUGH/

(VIII) WHOOPING COUGH

This disease was prevalent during the year, and no deaths were reported. Immunisation was carried out at the Infant Welfare Clinics, using a combined Whooping Cough and Diphtheria Vaccine. (See page 21).

9 Non-European cases were admitted to our Infectious Diseases Hospitals from outside the City, and 4 European cases and 1 Coloured case were admitted from the City area.

(IX) INFLUENZA:

Influenza was very prevalent in the City during the winter months June and July. It did not, however, reach serious epidemic proportions and did not cause any serious dislocation of services. There were 3 European deaths and 1 Coloured death from the disease, as compared with last year's nil figure.

(8) WATER SUPPLY. (See page 56).

The water supply of Pietermaritzburg is under the control of the City Engineer's Department. It is derived from streams coming from hilly country lying to the west of the town. From the Storage Dam at Henley the water is piped to the Purification Works, where it is treated with Aluminium Sulphate before filtration. After filtration the water is sterilised with Chloramine before being distributed to the 8 storage reservoirs.

The supply from the Purification Works and each of the service reservoirs has been bacteriologically examined each week by the bio-chemist in charge of the Purification Works. All employees at the Purification Works are Vi-tested and immunised against Typhoid Fever at the same time. No water-borne outbreaks of disease have occurred during the year. Regular bacteriological sampling of swimming bath waters has also been carried out throughout the year, and samples of well and tank waters have also been examined. It has been found that the Pietermaritzburg water supply contains no fluorine.

The total storage capacity of the Henley Dam is 1,420 million gallons providing an assured daily yield of $8\frac{1}{4}$ million gallons. The present consumption in Pietermaritzburg is approximately 5.7 million gals. per day.

(9) NIGHTSOIL AND DISPOSAL

The administration of this work is in the hands of the City Engineer. The greater part of the Town and Suburbs is served by water-borne sewerage, although the conservancy system is still in use in certain outlying areas. Disposal is on the sewerage farm about 3 miles from the centre of the Town. The City Council acquired adjoining land, in order to extend the area available for sewerage disposal, and a modern filtration plant was completed in 1956.

(10) MEAT SUPPLIES (See pages 60-62)

All slaughtering is carried out at the Municipal Abattoir, which is under the direct control of this Department. Butchers' shops are periodically inspected to ensure that they are satisfactory and that no meat which does not bear the Municipal stamp is exposed for sale. 192 Inspections of Butchers' shops and 7 inspections of Butchers' carts were made by the Department's Health Inspectors, in addition to many inspections made by the Abattoir staff. A list of meat, fish and fowl condemned after inspection is shown on pages 57-59.

The Abattoir Manager reports that during the year 100,102 animals were slaughtered, a sharp increase on the 1961 total of 93,169. Slaughtering at the Abattoir is carried out by this Department.

All blood and condemned meat and offal is transported in drums to a privately owned By-Product Plant at Bisley, just outside of Pietermaritzburg.

(10) MEAT SUPPLIES Cont'd.

Health Inspectors from the Department have had to help out by carrying out Meat Inspection duties at the Abattoir owing to shortages of Abattoir Staff. Towards the end of the year an additional Meat Inspector's post was created at the Abattoir. A qualified European Slaughterman supervises the work of the Bantu Slaughter Gang.

ANTHRAX, etc. No cases were reported during the year.

CYSTICERCUS BOVIS AND CELLULOSAE ("TEASLES")

The following table shows the number of carcasses infected with "Teasles" during the last 10 years:-

| | C A T T L E | | | C A L V E S | | | P I G S | | |
|---------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|
| | Slaugh- tered | % In- fected | % Con- demned | Slaugh- tered | % In- fected | % Con- demned | Slaugh- tered | % In- fected | % Con- demned |
| 1952-53 | 11,438 | 7.03 | 0.62 | 2,345 | 4.64 | 1.02 | 2,470 | 1.65 | 1.21 |
| 1953-54 | 11,578 | 9.21 | 1.5 | 2,554 | 3.13 | 1.33 | 3,154 | 1.04 | 0.91 |
| 1954-55 | 99,271 | 9.35 | 1.4 | 1,643 | 3.59 | 1.82 | 3,385 | 1.35 | 1.21 |
| 1956 | 13,626 | 8.66 | 1.4 | 1,814 | 4.35 | 1.92 | 3,715 | 1.02 | 0.88 |
| 1957 | 13,217 | 7.23 | 0.98 | 1,990 | 4.02 | 1.7 | 4,050 | 0.83 | 0.69 |
| 1958 | 15,227 | 5.54 | 1.13 | 2,510 | 5.30 | 2.35 | 4,858 | 0.98 | 0.84 |
| 1959 | 16,627 | 8.68 | 1.11 | 2,767 | 3.25 | 1.55 | 5,280 | 1.79 | 1.60 |
| 1960 | 17,165 | 8.3 | 1.6 | 3,410 | 3.7 | 1.6 | 5,833 | 1.9 | 1.7 |
| 1961 | 17,265 | 7.1 | 1.3 | 3,267 | 2.4 | 1.25 | 5,986 | 0.6 | 0.5 |
| 1962 | 18,304 | 7.8 | 1.3 | 3,530 | 4.16 | 1.61 | 5,969 | 0.93 | 0.83 |

(11) MILK SUPPLIES (Page 55)

The milk supply has been carefully controlled throughout the year. It was derived from 41 producer-distributors, 11 in the Borough, and 30 Out-of-Borough, and 81 producers, 2 Borough and 79 Out-of-Borough, who send their milk to two pasteurisation plants in the Borough, from where it is distributed after pasteurisation. All these dairymen are registered with this Department and their premises are inspected regularly. Approximately 70% of the milk sold in Pietermaritzburg was pasteurised.

There are 10 cream suppliers, of whom 5 are in the Borough and 5 outside the Borough.

During the year the routine Vi-testing of dairy employees was continued. Specimens, which are taken at the dairies or at the Health Department, are sent by pullman transport to the Durban Government Laboratory for examination, thus reaching laboratory the same day as taken.

551 Vi-tests were done on dairy employees; 1 was found positive and 3 were check retested, but finally found to be positive. 452 Dairy personnel (1 Eur., 428 Bantu and 23 Asiatics) were immunised against Typhoid Fever, 704 inoculations being given.

(12) OTHER FOODS SUPPLIES (Pages 55-59)

Inspection of foodstuffs exposed for sale at the Market and elsewhere has been carried out regularly, and a considerable quantity of unsound food has been condemned (pages 57-59). Condemned foodstuffs are removed to the refuse tips, made unusable, and disposed of by dumping.

Details of all licence applications dealt with by the Department are reflected in the Table on page 63. Careful attention is paid to storage conditions, particularly to rodent-proofing, and there is a considerable improvement in this connection. 297 Inspections of the Borough Market and 3488 inspections of other premises manufacturing or handling food were made. (Pages 64-66)

Food/

(12) OTHER FOOD SUPPLIES (Cont'd.)Food and Drugs Act. (Pages 55-56)

Under the Food, Drugs and Disinfectants Act, 88 samples were taken, and the results of the analyses were as follows:-

Milk: 44 Samples: 1 Sample not in accordance with requirements in regard to 8.5% Solids-not-Fat.

Ice Cream: 3 Samples : All in accordance with standard laid down of 10% Fat.

Cream: 9 Samples: All in accordance with standards laid down.

Mince Meat: 24 Samples: 19 samples in accordance with standards laid down.
5 samples contained preservative.

Sausage: 5 Samples: All in accordance with standards laid down.

Boerewors: 3 Samples: All in accordance with standards laid down.

In the case of the defective Solids-not-Fat Milk Sample and the adulterated Mince Meat Samples, prosecution was instituted.

Outbreaks of Food Poisoning.

No episodes of food poisoning were reported. One report was received of illness due to an allergic reaction to a dried milk.

(13) MATERNITY AND CHILD WELFARE: (Page 54)

The European Infantile Mortality Rate of 14.7 was a little higher than last year's record low figure of 11.8. This is still a very low figure.

The Coloured Infantile Mortality Rate of 28.6 was a little higher than last year's figure of 20.9.

The Bantu Infantile Mortality Rate was 81.0 a decrease on last year's figure of 107.7, but this figure must be regarded as unreliable.

The Asiatic Infantile Mortality Rate was 35.4 as compared with 41.1 last year.

The main causes and age groupings of Infantile Mortality in the different races are shown on pages 34-35.

In Europeans prematurity was again the main cause accounting for approximately 60% of the Infantile deaths. Prematurity, Diarrhoea and Enteritis and Broncho-Pneumonia were again the chief causes of Non-European Infantile Mortality.

This Department continued to supply milk to necessitous infants up to the age of 2 years, and also to a small number of children below the age of 5. See page 54.

Diphtheria and Poliomyelitis immunisation was continued as one of the important activities of the Infant Welfare Clinics. 2719 Children were immunised against Diphtheria (European 705; Bantu 526; Coloured 342; Asiatic 1146), as compared with 2019 last year.

Of the total given above 498 European, 214 Bantu, 220 Coloured and 414 Asiatic infants were immunised against Whooping Cough and Tetanus at the same time as against Diphtheria. (See page 10-11)

Child .../

(13) MATERNITY AND CHILD WELFARE (Cont'd.)

Child Welfare Clinic attendances have been as follows:-

| | <u>European</u> | <u>Bantu</u> | <u>Coloured</u> | <u>Asiatic</u> |
|-----------|-----------------|--------------|-----------------|----------------|
| 1952 - 53 | 8,211 | 5,115 | 1,921 | 5,580 |
| 1954 | 6,577 | 4,674 | 1,743 | 4,872 |
| 1955 | 5,926 | 7,023 | 1,984 | 6,012 |
| 1956 | 7,034 | 7,764 | 1,984 | 6,514 |
| 1957 | 6,884 | 6,928 | 2,245 | 6,870 |
| 1958 | 7,798 | 7,408 | 2,052 | 7,673 |
| 1959 | 8,946 | 8,864 | 2,701 | 8,544 |
| 1960 | 8,406 | 9,592 | 2,601 | 9,756 |
| 1961 | 7,761 | 8,650 | 2,284 | 9,141 |
| 1962 | 9,135 | 12,626 | 2,915 | 11,691 |

Infant Welfare Clinics.

A new Infant Welfare Clinic building for Non-Europeans was built for this Department in Boom Street by the City Engineer's Department at a completed cost of R15,763-00. This building provides adequate room for Clinics for all 3 Non-European races and special provision has also been made for Immunisation. It was found to be most useful for the emergency Smallpox vaccination campaign conducted this year. This clinic is almost exactly the same design as the clinic built last year for Asiatics in the new Northdale Housing development. A much smaller clinic was also built last year for Coloureds in the new municipal housing scheme at Woodlands.

Vaccination: (See page 10)

Maternal Mortality.

No deaths were recorded from this cause.

The Midwifery Training School at Grey's Hospital provides midwifery services for Europeans, Coloureds and Asiatics in the wards of Grey's Hospital, and district Midwifery Services in Pietermaritzburg for Europeans, Coloureds and Asiatics. In addition, Ante-Natal Clinic Services for these races are provided.

A new regular weekly Ante-Natal Clinic session has been commenced in Northdale, the Asiatic Municipal Housing Scheme, in the Infant Welfare Clinic building recently built by the City Council. This facility has been granted free of charge by the City Council.

The Bantu Maternity Wards and Ante-Natal Services are provided at the Provincial General Hospital at Edendale. Bantu District Midwifery is carried out in the Sobantu Village by the Municipal Bantu Midwife.

The following figures have been supplied by the courtesy of the Medical Superintendent of Grey's Hospital:-

Borough Cases.

| <u>(a) Ante-Natal Clinic</u> <u>Attendances.</u> | | <u>(b) District Midwifery</u> <u>Visits.</u> | | <u>(c) Post-Natal Clinic</u> <u>Attendances.</u> | |
|---|---------------|---|--------------|---|------------|
| Europeans | : 2,742 | Europeans | : 657 | Europeans | : 197 |
| Coloureds | : 1,915 | Coloureds | : 1,590 | Coloureds | : 170 |
| Asiatics | : 8,974 | Asiatics | : 6,942 | Asiatics | : 498 |
| <u>TOTAL</u> | <u>13,631</u> | <u>TOTAL</u> | <u>9,189</u> | <u>TOTAL</u> | <u>865</u> |

(d) District Confinements.

Europeans, 22; Coloureds, 36; Asiatics, 387; Total, 495.

The /

(13) MATERNITY AND CHILD WELFARE. (Cont'd.)

The Municipal Bantu Midwife conducted 93 confinements and paid 1,537 visits in connection with confinement cases (503 Ante-Natal and 1,034 Post-Natal).

In addition, an Ante-Natal Clinic was held at the Sobantu Village Dispensary for these patients:-

| No. of New Patients | Ante-Natal Attendances | W.R.'s taken | W.R.'s Positive | Rh Positive | Rh Negative |
|------------------------|---------------------------|-----------------|--------------------|----------------|----------------|
| 130 | 517 | 142 | 29 | 114 | 11 |

3 Patients were sent to hospital for confinement because of abnormalities of Labour.

Pietermaritzburg is a "Prescribed Area" under Section 39(b) of the Medical Dental and Pharmacy Act No. 13 of 1938, within which no person other than a Medical Practitioner or a midwife registered under the Act, shall attend any lying-in-woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, but she did not conduct any confinements during the year.

(14) BY-LAW NOTICES AND PROSECUTIONS (Pages 64-67).

3,494 Notices and formal letters were served regarding breaches of the Borough By-Laws. 22 Prosecutions were initiated in the Magistrate's Court, as detailed on page 67. The total of inspections carried out this year was 21,933 as compared with 22,147 last year. Health Inspectors were also diverted to the Abattoir at times to assist with Meat Inspection duties because of shortage of staff.

(15) OTHER MATTERS OF HEALTH AND SANITATION.

Nursing Homes: The Registration and Inspection of Nursing Homes in Natal is carried out by the Provincial Administration.

Complaints from Burgesses: 234 complaints were received and dealt with.

Medical Examination of Bantu:

| Number Examined | Referred to TB Clinic after Min. X-Ray (See p. 46) | Rejected V.D. | Rejected Other Causes | Vaccinated |
|--------------------|---|------------------|--------------------------|------------|
| Male : 20,593 | 543 | 159 | 1 | |
| Female : 43 | - | 3 | - | |
| TOTAL : 20,636 | 543 | 162 (0.8%) | 1 | 19,554 |

The number of Bantu female domestic servants coming forward for voluntary examination remains extremely low. Every person appearing at the Pass Office who does not possess evidence of recent successful vaccination, is vaccinated (a single insertion only.) A Miniature X-Ray is taken of every Bantu attending the Medical Examination sessions, unless they have been X-Rayed within the preceding 6 months.

Sobantu/

15) OTHER MATTERS OF HEALTH AND SANITATION

Cont'd.

Sobantu (Bantu) Village Dispensary:

The Out-Patient Dispensary is conducted by this Department. Three sessions are held each week, attended by the Assistant Medical Officer of Health, while a full-time Bantu Nurse, who lives at the Village, assists at the Clinic, does the necessary dressings and follow-up treatment, and visits patients in their homes.

| | | |
|---|---|-------|
| Number of New Patients attending Dispensary | : | 3,014 |
| Re-attendances at Dispensary | : | 374 |
| Home Visits | : | 916 |
| Surgical Dressings | : | 3,884 |

The Council's trained Bantu District Nurse carried out a total of 3,791 Home Nursing Visits, 466 New cases being registered this year.

Health Propaganda:

Our Envelopes all carry Diphtheria immunisation slogans. Considerable publicity was obtained through the press for Oral Poliomyelitis Vaccination and when Rabies was reported. Circulars have been sent through the Electric Light Accounts to practically every household in Pietermaritzburg on the following subjects:- "Rabies", "X-Ray to prevent Tuberculosis". Groups of Nurses have been shown over the Abattoir during their training.

(16) STAFF:

The Staff of the Department at 31st December, 1962, was as follows:-

ADMINISTRATIVE AND OFFICE

| | | |
|-----------------------------------|---|---------------------------------------|
| Medical Officer of Health | : | M. Maister, B.A., M.B., Ch.B., D.P.H. |
| Asst. Medical Officer of Health . | : | K.J. Aitken, M.B., Ch.B., D.P.H. |
| Clinical Medical Officer | : | J.M. Lalor, M.B., B.Ch. |
| Chief Clerk | : | E. Bastow |
| Clerk | : | E. D. Gafney |
| Junior Clerk | : | Miss S. L. Ward |
| Senior Woman Clerical Asst. | : | Miss E. M. Hughes |
| Junior Woman Clerical Assts. | : | Miss Y. W. Gafney |
| | | Miss N. E. Wilkinson |
| | | Miss A. D. Cameron |

INSPECTORATE

| | | |
|------------------------------|---|---|
| Chief Health Inspector | : | C.F. Wyatt, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert. R.S.I. |
| Health Inspectors | : | D.C. Johnston, Cert. R.S.I. Tropical Hygiene Cert. R.S.I. |
| | : | C.L.O. Iversen, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Trop. Hygiene Cert. R.S.I. |
| | : | S. Tulleken, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert. R.S.I. |
| | : | A.M.H. King, Cert. R.S.I., Meat & Other Foods Cert. R.S.I. |
| | : | J.A. Lourens, Cert. R.S.I. |
| | : | Position Vacant |

Bantu/

16) STAFF Cont'd.

| | | |
|------------------------------|---|--------------------------|
| Bantu Health Inspector | : | R. Mtungwa, Cert. R.S.I. |
| Malaria Officer | : | R. F. Fryer. |
| Rodent Officer | : | G. Fairfield. |

Handyman & Transport Officer.
1 Indian Fumigation Assistant.

HEALTH VISITING STAFF

| | | |
|------------------------------|---|---|
| Senior Health Visitor | : | Miss E.M. McDougall, Health Visitor's Cert. (Scotland); Health Visitor's Cert. R.S.I., Mothercraft Cert. (New Zealand). |
| Health Visitors | : | Miss M. W. Marwick, Mothercraft Cert. Miss E.E. Holcomb, Health Visitor's Cert. R.S.I.; Mothercraft Cert. Mrs. M. Campbell, Health Visitor's Cert. R.S.I.; Mothercraft Cert., Fever Cert. Mrs. I. Ellis, Health Visitor's Cert. R.S.I.; Reg. Mental Nurse, S.A.N.C. Mrs. D. Evans, Health Visitor's Cert. R.S.I. Mrs. B.A. Mitchell, Health Visitor's Cert. R.S.H. |
| Clinic Sister | : | Mrs. E. Friedlander, Health Visitor's Cert. R.S.H. |
| Clinic Clerks | : | Mrs. A. C. Ferguson. Mrs. E. Forson. |
| Bantu Health Visitor | : | Mrs. M. Mokhali, Health Visitor's Cert. R.S.H. |
| Asiatic Health Visitor | : | Mrs. S. Badrudeen, Health Visitor's Cert. R.S.H. |

BANTU NURSING AND HEALTH ASSISTANT STAFF

| | | |
|--|---|---|
| Bantu Nurse (Sobantu Village Dispensary) | : | Nurse Sophia Masongoa, Health Visitor's Cert. R.S.I. |
| District Bantu Nurse | : | Nurse Lulu Ngubane, S.A.N.C. Cert. (General & Midwifery). |
| District Bantu Midwife | : | Nurse I. Ngcobo, S.A.N.C. Cert. (General & Midwifery). |
| Bantu Health Assistants | : | G. Rodolo, S. Mokoena and L. Hlongwane. |

ISOLATION HOSPITAL

| | | |
|--------------------------|---|---|
| Matron | : | A. E. Konstam (Acting) |
| Sisters | : | J. Bassage, D. Cheesman, Position Vacant. |
| Night Sister | : | K. E. Koen. |
| Probationer Nurses | : | M. Piek, A. Herbst. |
| 1 Housekeeper | : | Mrs. C. Crawley. |
| 14 Domestic Servants | | |
| 1 Bantu Night Watchman | | |

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

| | | |
|--------------------------------|---|--------------------------------|
| Matron | : | C. le Steers. |
| Male Nurse | : | Vacant. |
| 1 Housekeeper | : | Mrs. A. Roberts. |
| Coloured Staff Nurse | : | 1 |
| Bantu Staff Nurses | : | 10 (inc. 2 Male Staff Nurses). |
| Bantu Probationer Nurses | : | 8 |
| Bantu Domestic Staff | : | 27 |
| Bantu Night Watchman | : | 1 |

(16) STAFF Cont'd.EPIDEMIC HOSPITAL.

| | | |
|-------------------------|---|------------------|
| Male Nurse | : | Vacant |
| Bantu Staff Nurse | : | Position Vacant. |
| Bantu Orderlies | : | 2 |
| Night Watchman | : | 1 |
| Bantu Cook | : | 1 |

ABATT OIR

| | | |
|--------------------------|---|---|
| Manager | : | R. M. Brock, Cert. R.S.I., Meat & Other Foods Cert. R.S.I. |
| Meat Inspectors | : | H. Dreyer, Cert. R.S.I.; Meat & Other Foods. Cert. R.S.I. |
| | : | H. C. Claasen, Cert. R.S.I.; Meat & Other Foods Cert. R.S.I. |
| Clerk | : | W. L. J. Powell. |
| Slaughterman | : | P. B. Bearpark. |
| Maintenance Fitter | : | H. Schoeman. |

* * * * *

REPORT B.(1) HOUSING.

The City Council built 1 dwelling only for European occupation.

Powers under the Borough By-Laws have been exercised sparingly in dealing with insanitary dwellings, owing to the acute Non-European housing shortage. 21 Dwellings were condemned for demolition under Public Health By-Law 17, 20 of these being demolished by the end of the period under review, and 41 dwellings were voluntarily demolished mostly to make way for new buildings.

Plans.

All plans of new buildings are submitted by the City Engineer to this Department for our observations.

| | Approved Outright | Approved Subject to Alterations | Disapproved | Referred for additional information and not yet dealt with | Total Submitted |
|------|----------------------|------------------------------------|-------------|--|--------------------|
| 1962 | 465 | 52 | 27 | 89 | 643 |

New Buildings.

The City Engineer reports that 49 dwellings and 26 flats (2 blocks) were completed for Europeans, 91 flats (7 blocks) for Asiatics, and 35 dwellings were built for Non-Europeans (13 Coloureds and 22 Asiatics). These dwellings were provided by private enterprise.

(2) HOUSING OF BANTU, BANTU OR ASIATIC LOCATIONS OR BARRACKS.

The Pietermaritzburg Sobantu Village, situated about 3 miles from the centre of Town now contains 1,091 occupied houses and various public buildings, with an estimated population of 10,000. Water is supplied partly by individual house reticulation and partly by communal standpipes from the Corporation Water Supply. Sanitation is by water-borne sewerage, separate for each house, except for a small low-lying section of the Village which is still served by the pail system. Communal ablution blocks and laundries are provided. Provision for hot baths at a small charge has been made in the recently constructed ablution blocks, and this has proved very popular.

Although there is still room for expansion available at the Sobantu Village, the Government will not permit the extension of this scheme and the Economic Houses constructed 6 years ago are the last houses to be built at this Village. All the houses at the Sobantu Village have been built by Bantu labour, under European supervision. The Council has under consideration a scheme for a new Bantu Village at Slangspruit, and while negotiations are proceeding in this matter, the Sobantu Village is bulging at its seams. Its population is steadily increasing, the present estimate of 10,000 comparing with a figure of 9,000 two years ago.

There are three Corporation Hostels for single Bantu. For Males there is a newly extended East Street Hostel (and annexes) now housing 2,300 Bantu, and the Ortman Road Hostel with a capacity of 103. The Women's Hostel in Church Street houses 430 women, and an additional Women's Hostel housing 200 Bantu has been established at Oribi to serve the Government Village mainly. These Hostels are under the control of the Department of Bantu Administration, and two European Superintendents are employed. The scheme for a new Women's Hostel to house over 700 has been shelved owing to the very high tender figures received when the contract was offered. 689 Temporary Licences were granted during the year to house unexempted Bantu under the Bantu (Urban Areas) Act, pending the provision of more accommodation.

The .../

(2) HOUSING OF BANTU, BANTU OR ASIATIC LOCATIONS OR BARRACKS. Cont'd.

The Council has also provided the following Bantu Compounds:-

Wattles Department : 4(Cement-block) buildings for males
(housing 80 Bantu males); and
3(Cement-block) buildings for females
(seasonal labour, housing 60 Bantu females).

City Engineer's Department - Sewage Farm : 2 (brick) buildings
housing 53 Bantu males.

About 60% of the Bantu resident in the Town live in quarters provided on the property of their employers. These quarters are the subject of inspection by this Department and in general are satisfactory.

Asiatic Housing.

The Corporation owns one compound housing farm workers. This compound consists of 26 houses and 6 rooms, well constructed in brick, and houses Asiatic Labourers, together with their wives and families, totalling 308 persons.

The Council has appointed a Woman Housing Manager, trained under the Octavia Hill Scheme, who operates under the Estates Manager in the City Treasurer's Department.

(3) REMARKS AND RECOMMENDATIONS, AND HOUSING MATTERS OF SPECIAL IMPORTANCE REQUIRING ATTENTION.

The following estimates of housing needs based on recent surveys of the housing needs of the City were supplied by the Estates Manager:-

A. Coloured Housing.

The 1962 estimate of "Sub-economic" requirements was 109 houses. The requirement for "economic" housing was estimated as 101.

B. Asiatic Housing.

The 1962 estimate of "Sub-economic" housing required for Asiatics was 318 houses. The last estimate of "Economic" housing required (1961) was 437 houses.

C. Bantu Housing.

The estimated housing needs for the Bantu population (figures supplied in 1961 by the Director, Department of Bantu Administration) are as follows:-

Married Quarters : 1,000 Houses.

Single Quarters : 3,000 Houses.

New Council Housing Schemes:

A scheme of 411 'economic' and 'sub-economic' houses for Asiatics was completed during 1961 at Northdale.

Further Housing Schemes for 'economic' houses for Asiatics and Coloureds in Northdale and Woodlands respectively have been approved by the City Council.

A scheme for 234 'economic' houses for Asiatics and 108 'economic' houses for Coloureds has been submitted by Council to the National Housing Council for approval.

Negotiations for the acquisition of land for the new Bantu housing scheme at Imbali (Slangspruit) are still not completed but it is hoped this scheme will be commenced in 1963.

D E A T H S

The detailed International List of Causes of Death as adapted for use in the Republic of South Africa (6th Decennial Revision by the International Commission) is used. The omission of any cause indicates no deaths were registered for that cause.

| | EUROPEAN | | | BANTU* | | | COLOURED | | | ASIATIC | | |
|--|-----------|-----------|-----------|-----------|----------|-----------|-----------|----------|----------|-----------|----------|-----------|
| | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | |
| | M | F | P | M | F | P | M | F | P | M | F | P |
| <u>INFECTIVE AND PARASITIC DISEASES.</u> | | | | | | | | | | | | |
| Pulmonary Tuberculosis | 1 | 0 | 1 | 2 | 1 | 5 | 1 | 0 | 1 | 2 | 0 | 2 |
| Tuberculosis Meninges & C.N.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Tuberculosis of intestines. | | | | | | | | | | | | |
| peritoneum & mesenteric glands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuberculosis of bones and joints | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T.B. of other organs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Disseminated Tuberculosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congenital Syphilis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Cardiovascular Syphilis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Typhoid Fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bacillary Dysentery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Amoebiasis | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Septicaemia and pyaemia | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Whooping Cough | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Meningococcal Infections | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tetanus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gas gangrene | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| TOTAL : GROUP I | 1 | 0 | 1 | 5 | 1 | 6 | 2 | 2 | 4 | 3 | 1 | 4 |
| <u>NEOPLASMS.</u> | | | | | | | | | | | | |
| <u>Malignant Neoplasm of:-</u> | | | | | | | | | | | | |
| Oral Nasopharynx | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pharynx, unspec. | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stomach | 4 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Small intestine including duodenum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Large intestine, excluding rectum | 4 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Rectum | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Biliary passages and liver | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Liver (secondary and unspecified) | 2 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pancreas | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peritoneum | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Larynx | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trachea, bronchus and lung - primary | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| " " " " - unspec. | 3 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Breast | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cervix Uteri | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Corpus Uteri | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Ovary, Fallopian tube & broadlig. | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Prostate | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Testis | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other & Unspec. male genital organs | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Kidney | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bladder & other urinary organs | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malignt. Melanoma of Skin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bone | 1 | 2 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Secondary and unspecified malig. of | | | | | | | | | | | | |
| lymph nodes | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other & unspec. sites | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Lymphosarcoma and reticulosarcoma | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hodgkins disease | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| Leukaemia and aleukaemia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| TOTAL : GROUP II | 24 | 23 | 47 | 3 | 2 | 5 | 1 | 1 | 2 | 5 | 2 | 7 |
| Total C/Forward | 25 | 23 | 48 | 8 | 3 | 11 | 3 | 3 | 6 | 8 | 3 | 11 |

* The Bantu death registrations must be regarded as incomplete.

DEATHS Cont'd.

| | EUROPEAN | | | BANTU* | | | COLOURED | | | ASIATIC | | |
|---|-----------|-----|-----|-----------|----|----|-----------|----|----|-----------|----|----|
| | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | |
| | M | F | P | M | F | P | M | F | P | M | F | P |
| Total B/Forward | 25 | 23 | 48 | 8 | 3 | 11 | 3 | 3 | 6 | 8 | 3 | 11 |
| <u>1) ALLERGIC ENDOCRINE SYSTEM.</u> | | | | | | | | | | | | |
| <u>METABOLIC AND NUTRITIONAL DISEASES.</u> | | | | | | | | | | | | |
| 1. Asthma | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 2. Thyrotoxicosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4. Other dis. thyroid gland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Diabetes Mellitus | 0 | 2 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 3 | 3 | 6 |
| 4. Dis. of adrenal glands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Pellagra | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Other Avitaminoses & nutritional deficiency states | 0 | 0 | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 0 | 1 | 1 |
| TOTAL : GROUP III | 1 | 2 | 3 | 2 | 5 | 7 | 0 | 1 | 1 | 4 | 4 | 8 |
| <u>2) DISEASES OF THE BLOOD.</u> | | | | | | | | | | | | |
| 0. Pernicious & hyperchromic anaemias | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Iron deficiency anaemias | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Other anaemias, specified type | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 3. Anaemia, unspecified type | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Haemophilia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. Purpura & other haemorrhagic condns. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9. Other dis. of blood & blood form.org. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP IV | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| <u>3) MENTAL, PSYCHONEUROTIC & PERSONALITY DISORDERS.</u> | | | | | | | | | | | | |
| 4. Senile Psychosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP V | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <u>4) DISEASES OF THE NERVOUS SYSTEM</u> | | | | | | | | | | | | |
| 1. Subarachnoid haemorrhage | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 1. Cerebral haemorrhage | 13 | 13 | 26 | 3 | 0 | 3 | 1 | 1 | 2 | 5 | 7 | 12 |
| 2. Cerebral embolism & thrombosis | 7 | 8 | 15 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 |
| 4. Other vascr. les. of C.N.S. | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Meningitis | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 1 | 0 | 1 | 1 |
| 2. Intracranial & intraspinal abscess | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 3. Epilepsy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 5. Other diseases of brain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. Motor Neurone dis. & muscular atrophy | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. Other dis. of spinal cord | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Otitis media without mastoiditis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP VI | 23 | 23 | 46 | 5 | 2 | 7 | 1 | 3 | 4 | 8 | 11 | 19 |
| <u>5) DISEASES OF THE CIRCULATORY SYSTEM.</u> | | | | | | | | | | | | |
| 4. Other endocarditis - Rheumatic | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Other myocarditis - rheumatic | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. Other heart dis. spec. rheumatic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Arteriosclerotic heart dis. inc. | | | | | | | | | | | | |
| Coronary Thrombosis | 42 | 26 | 68 | 1 | 0 | 1 | 0 | 2 | 2 | 14 | 25 | 19 |
| 1. Chron. endocarditis not spec. rheum. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Other myocardial degeneration | 3 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 0. Acute & subac. endocarditis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Acute myocarditis - not rheumatic | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Acute pericarditis - non-rheum. | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4. Other & unspec. diseases of heart | 13 | 15 | 28 | 2 | 3 | 5 | 1 | 1 | 2 | 13 | 7 | 20 |
| 0. Ess. Benign Hyperten. with heart dis. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Ess. mal. hyperten. with heart dis. | 3 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 3. Other & unspec. hyperten. " " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Ess. Malig. Hyperten. without mention of heart | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. Other hypertensive disease without mention of heart | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. General arteriosclerosis | 3 | 6 | 9 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 1. Aortic an. - non-syph. - & diss. an. | 3 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Other aneurysm exc. of heart & aorta | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4. Arterial embolism and thrombosis | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Pulmonary embolism & infarction | 6 | 5 | 11 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP VII | 79 | 62 | 141 | 3 | 5 | 8 | 2 | 3 | 5 | 28 | 15 | 43 |
| Total C/Forward | 128 | 110 | 238 | 18 | 15 | 33 | 7 | 10 | 17 | 48 | 33 | 81 |

* The Bantu death registrations must be regarded as incomplete.

DEATHS Cont'd.

| | EUROPEAN | | | BANTU* | | | COLOURED | | | ASIATIC | | |
|--|-----------|-----|-----|-----------|----|----|-----------|----|----|-----------|----|----|
| | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | |
| | M | F | P | M | F | P | M | F | P | M | F | P |
| Total B/Forward | 128 | 110 | 238 | 18 | 15 | 33 | 7 | 10 | 17 | 48 | 33 | 81 |
| <u>III) DISEASES OF THE RESPIRATORY SYSTEM.</u> | | | | | | | | | | | | |
| 74. Acute laryngitis & tracheitis | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80. Influenza with pneumonia | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 83. Influenza with nervous manifest. | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90. Lobar pneumonia | 2 | 3 | 5 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91. Broncho-pneumonia | 7 | 5 | 12 | 8 | 8 | 16 | 0 | 0 | 0 | 5 | 6 | 11 |
| 93. Pneumonia, other & unspecified | 4 | 1 | 5 | 0 | 1 | 1 | 2 | 1 | 3 | 1 | 2 | 3 |
| 00. Acute Bronchitis | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01. Bronchitis unqualified | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02. Chronic bronchitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 5 |
| 18. Empyema | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21. Abscess of lung | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22. Pulm. congestion and hypostasis | 1 | 2 | 3 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26. Bronchiectasis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27. Other dis. of lung & pleural cavity | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP VIII | 15 | 15 | 30 | 11 | 13 | 24 | 3 | 1 | 4 | 9 | 10 | 19 |
| <u>IV) DISEASES OF THE DIGESTIVE SYSTEM.</u> | | | | | | | | | | | | |
| 40. Ulcer of the stomach | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41. Ulcer of duodenum | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45. Other dis. of stomach & duodenum | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50. Acute appendicitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70. Intest. obstruction - no hernia | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 71. Gastro-enteritis (over 4 weeks) | 0 | 0 | 0 | 5 | 12 | 17 | 1 | 1 | 2 | 9 | 2 | 11 |
| 76. Peritonitis | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77. Peritoneal adhesion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 78. Other diseases of intestines and peritoneum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 80. Acute & subac. yell. atrophy liver | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81. Cirrhosis of liver | 2 | 1 | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82. Liver abscess | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83. Other diseases of liver | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84. Cholelithiasis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87. Diseases of pancreas | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP IX | 6 | 4 | 10 | 6 | 16 | 22 | 1 | 2 | 3 | 10 | 2 | 12 |
| <u>V) DISEASES OF THE GENITO-URINARY SYSTEM.</u> | | | | | | | | | | | | |
| 90. Acute Nephritis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91. Nephritis with Oedema, inc. nephrosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92. Chronic nephritis | 2 | 2 | 4 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| 93. Nephritis not spec. as acute/chronic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 00. Infections of kidney | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 01. Hydronephrosis | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03. Other dis. of Kidney & ureter | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10. Hyperplasia of prostate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30. Infect. dis. of uterus, vagina and vulva | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP X | 4 | 4 | 8 | 2 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 |

Total C/Forward

153 133 286 37 44 81 12 13 25 68 45 113

* The Bantu death registrations must be regarded as incomplete.

DEATHS Cont'd.

| | EUROPEAN | | | BANTU* | | | COLOURED | | | ASIATIC | | |
|--|-----------|-----|-----|-----------|----|-----|-----------|----|----|-----------|----|-----|
| | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | |
| | M | F | P | M | F | P | M | F | P | M | F | P |
| Total B/Forward | 153 | 133 | 286 | 37 | 44 | 81 | 12 | 13 | 25 | 68 | 45 | 113 |
| I) DELIVERIES & COMPLICATIONS OF PREGNANCY, CHILDBIRTH & PUERPERIUM | | | | | | | | | | | | |
| 48. Other Complications of pregnancy | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51. Abortion with sepsis | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP XI | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| II) DISEASE OF SKIN AND CELLULAR TISSUE | | | | | | | | | | | | |
| 92. Other cellulitis and abscess | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16. Other dis. of skin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP XII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| III) DISEASES OF THE BONES | | | | | | | | | | | | |
| 30. Osteomyelitis & periostitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44. Other dis. of muscle, tendon & fascia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP XIII | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IV) CONGENITAL MALFORMATIONS | | | | | | | | | | | | |
| 51. Spina bifida and meningocele. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52. Congenital hydrocephalus. | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53. Other congenital malformations of nervous system and sense organs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54. Congen. malf. circulatory system | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 56. Congen. malf. digestive system. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57. Congen. malf. genito-ury. system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 59. Other and unspecified congenital malformations. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| TOTAL : GROUP XIV | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| V) CERTAIN DISEASES OF EARLY INFANCY | | | | | | | | | | | | |
| 60. Intracrl. & spinl. injy. at birth | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 61. Other birth injury. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62. Postnatal asphyxia & atelectasis | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 3 |
| 64. Diarrhoea of newborn | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70. Haemolytic dis. of newborn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71. Haemorrhagic dis. of newborn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73. Ill-def. dis. pect. to early infcy. | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74. Immaturity with other subsidiary condition | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 75. Immaturity subsidiary to some other cause | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76. Immaturity - unqualified | 4 | 3 | 7 | 5 | 8 | 13 | 0 | 0 | 0 | 3 | 5 | 8 |
| TOTAL : GROUP XV | 5 | 4 | 9 | 7 | 10 | 17 | 1 | 0 | 1 | 6 | 7 | 13 |
| VI) SYMPTOMS, SENILITY & ILL-DEFINED CONDITIONS | | | | | | | | | | | | |
| 82. Symptoms referable to cardiovasc. & lymphatic systems | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83. Symptoms referable to respiratory system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86. Symptoms referable to genito-urinary system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88. Other general symptoms | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92. Uraemia - unqualified | 4 | 4 | 8 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 |
| 94. Senility - without psychosis | 4 | 3 | 7 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 |
| 95. Ill-defined & unknown causes | 5 | 1 | 6 | 4 | 8 | 12 | 1 | 0 | 1 | 2 | 4 | 6 |
| TOTAL : GROUP XVI | 13 | 8 | 21 | 5 | 10 | 15 | 1 | 0 | 1 | 4 | 5 | 9 |
| TOTAL | 173 | 145 | 318 | 49 | 66 | 115 | 14 | 13 | 27 | 79 | 58 | 137 |

* The Bantu death registrations must be regarded as incomplete.

DEATHS. Cont'd.

| | EUROPEAN | | | BANTU* | | | COLOURED | | | ASIATIC | | |
|--|-----------|-----|-----|-----------|----|-----|-----------|----|----|-----------|----|-----|
| | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | | RESIDENTS | | |
| | M | F | P | M | F | P | M | F | P | M | F | P |
| Total B/Forward | 173 | 145 | 318 | 49 | 66 | 115 | 14 | 13 | 27 | 79 | 58 | 137 |
| VII) ACCIDENTS, POISONING & VIOLENCE. | | | | | | | | | | | | |
| 000. Railway accident - involving railway employee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 002. Railway accident - involving other persons | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 012. Motor vehicle traffic accident to pedestrian | 2 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 0 | 2 |
| 013. Motor vehicle acc. to pedal cyclist | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 015. Motor vehicle acc. to rider of motor cycle in collision | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 016. Other motor vehicle traffic accident - 2 or more vehicles | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 020. Motor vehicle accident while boarding or alighting | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 022. Motor vehicle accident-overturning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 023. Motor vehicle accident - running off roadway | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 025. Motor vehicle accidents - unspec. | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 031. Motor veh. non-traffic accident to pedal cyclist | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 035. Motor vehi. non-traffic nature - other/unspec. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 040. Street car accident to pedestrian | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 071. Accidental poisoning- barbiturates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 080. Accidental poisoning by alcohol | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 091. Accidental poisoning by motor vehicle exhaust gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 092. Accidental poisoning by other C.O. gas | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 002. Other falls - from one level to another | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 003. Fall on same level | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 013. Accident caused by cutting and piercing instruments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 014. Accident caused by electric current | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 016. Accident caused by fire/explosion of combust. material | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 019. Accident caused by firearm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 021. Inhalatn. & ingestn. of food causing obstruction or suffocation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 022. Inhalatn. or ingestn. of other object causing suffocation or obstruction. | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 025. Accidntl. mechanical suffocation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 029. Accidental drowning & submersion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 031. Excessive heat and isolation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 036. Other and unspec. accidents | 1 | 1 | 2 | 7 | 0 | 7 | 0 | 0 | 0 | 0 | 1 | 1 |
| 053. Therapeutic misadventure in admin. of drugs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 054. Therapeutic misadventure in anaesthesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 056. Late complication of surgical operation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 070. Suicide by analgesic and soporific substances | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 071. Suicide - poisoning by solid/liquid substances | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 073. Suicide by other gases | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 074. Suicide by hanging | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 075. Suicide by drowning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 076. Suicide by firearms | 5 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 079. Suicide by other & unspec. means | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 082. Assault by cutting or piercing instruments | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 083. Assault by other means | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : GROUP E XVII | 13 | 9 | 22 | 13 | 1 | 14 | 1 | 1 | 2 | 5 | 1 | 6 |
| TOTAL | 186 | 154 | 340 | 62 | 67 | 129 | 15 | 14 | 29 | 84 | 59 | 143 |

* The Bantu death registrations must be regarded as incomplete.

INFANTILE MORTALITY

(under 1 year)

CAUSES OF DEATH

| | EUROPEAN | | | BANTU* | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|--|----------|---|----|--------|----|----|----------|---|---|---------|----|----|--------------|----|----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| 2. Pulmonary T.B. | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 0. T.B. of Meninges & C.N.S. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Congenital Syphilis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. Septicaemia & Pyaemia | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 2 |
| 7. Meningococcal Infections | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Measles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. Other avitaminoses and nutritional def. states | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 |
| 2. Other anaemias -specified | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 6. Purpura | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Cerebral haemorrhage | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 0. Meningitis, exc. meningo-coccal and tuberculous | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 |
| 3. Epilepsy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Otitis Media without mastoiditis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Arteriosclerotic heart dis. inc. coronary thrombosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 2. Other myocardi. degn. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4. Other/unspec. dis. heart | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Lobar Pneumonia | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 1. Broncho Pneumonia | 0 | 0 | 0 | 5 | 5 | 10 | 0 | 0 | 0 | 1 | 4 | 5 | 6 | 9 | 15 |
| 3. Pneumonia, other & unspec. | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 2 |
| 0. Acute Bronchitis | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 1. Bronchitis, unqualified | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Gastro-enteritis and colitis, age 4 weeks and over | 0 | 0 | 0 | 5 | 10 | 15 | 0 | 1 | 1 | 6 | 1 | 7 | 11 | 12 | 23 |
| 0. Oth. dis. intest. & peritm. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Nephritis with oedema | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Chronic Nephritis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Other dis. of skin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1. Spin. bif. & mngocele. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Cong. Hydrocephalus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Other cong. malformns. of nerv. system & sense organs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Congenital malformns. of circulatory system | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0. Cong. Malf. digest. syst. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. Cong. Malf. Genito Ury. system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Unspec. Cong. Malformns. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 0. Intracranial and spinal injury at birth | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 2 |
| 0. Other birth injury | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Post-natal asphyxia and atelectasis | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 3 | 3 | 2 | 5 |
| 0. Diarrhoea of new born | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 0. Haemlytc. dis. newborn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Haemic. dis. newborn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Ill defined dis. peculiar to early infancy | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 0. Immaturity with other subsidiary condition | 4 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 0. Immaturity subsidiary to some other cause | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Immaturity, unqualified | 0 | 0 | 0 | 5 | 8 | 13 | 0 | 0 | 0 | 2 | 5 | 7 | 7 | 13 | 20 |
| 0. Symp. refer. to cardio-vasc. & lymph. systems | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Symp. ref. to resp. syst. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Ill def./unknown causes | 0 | 0 | 0 | 2 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 6 |
| 0. Inhaln. of food causing suffocn. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Acc. mechl. suffocn. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Accidtl. drowning | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Excess. heat & insolatn. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0. Ther. misadv. in surg. tt. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 8 | 4 | 12 | 24 | 33 | 57 | 4 | 2 | 6 | 14 | 15 | 29 | 42 | 50 | 92 |

*Bantu death Registrations must be regarded as incomplete.

INFANTILE MORTALITY

| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR | | |
|-----------------------|----------|---|----|-------|----|----|----------|---|---|---------|----|----|-------------|----|----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| During 1st 24 hours | 4 | 3 | 7 | 3 | 2 | 5 | 2 | 0 | 2 | 5 | 4 | 9 | 10 | 6 | 16 |
| 2nd - 7th day | 3 | 1 | 4 | 1 | 3 | 4 | 0 | 0 | 0 | 2 | 5 | 7 | 3 | 8 | 11 |
| TOTAL - 1 week | 7 | 4 | 11 | 4 | 5 | 9 | 2 | 0 | 2 | 7 | 9 | 16 | 13 | 14 | 27 |
| 1 Week - 1 Month | 1 | 0 | 1 | 7 | 8 | 15 | 1 | 0 | 1 | 0 | 1 | 1 | 8 | 9 | 17 |
| TOTAL : 1 Month | 8 | 4 | 12 | 11 | 13 | 24 | 3 | 0 | 3 | 7 | 10 | 17 | 21 | 23 | 44 |
| 1 Month - 2 Months | 0 | 0 | 0 | 4 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 9 |
| 3 Months - 5 Months | 0 | 0 | 0 | 2 | 7 | 9 | 1 | 1 | 2 | 3 | 1 | 4 | 6 | 9 | 15 |
| 6 Months - 8 Months | 0 | 0 | 0 | 5 | 1 | 6 | 0 | 0 | 0 | 1 | 2 | 3 | 6 | 3 | 9 |
| 9 Months - 11 Months | 0 | 0 | 0 | 2 | 7 | 9 | 0 | 1 | 1 | 3 | 2 | 5 | 5 | 10 | 15 |
| TOTAL : 1 - 11 Months | 0 | 0 | 0 | 13 | 20 | 33 | 1 | 2 | 3 | 7 | 5 | 12 | 21 | 27 | 48 |
| GRAND TOTAL | 8 | 4 | 12 | 24 | 33 | 57 | 4 | 2 | 6 | 14 | 15 | 29 | 42 | 50 | 92 |

INFANTILE MORTALITY RATES
(Deaths per 1,000 Births)

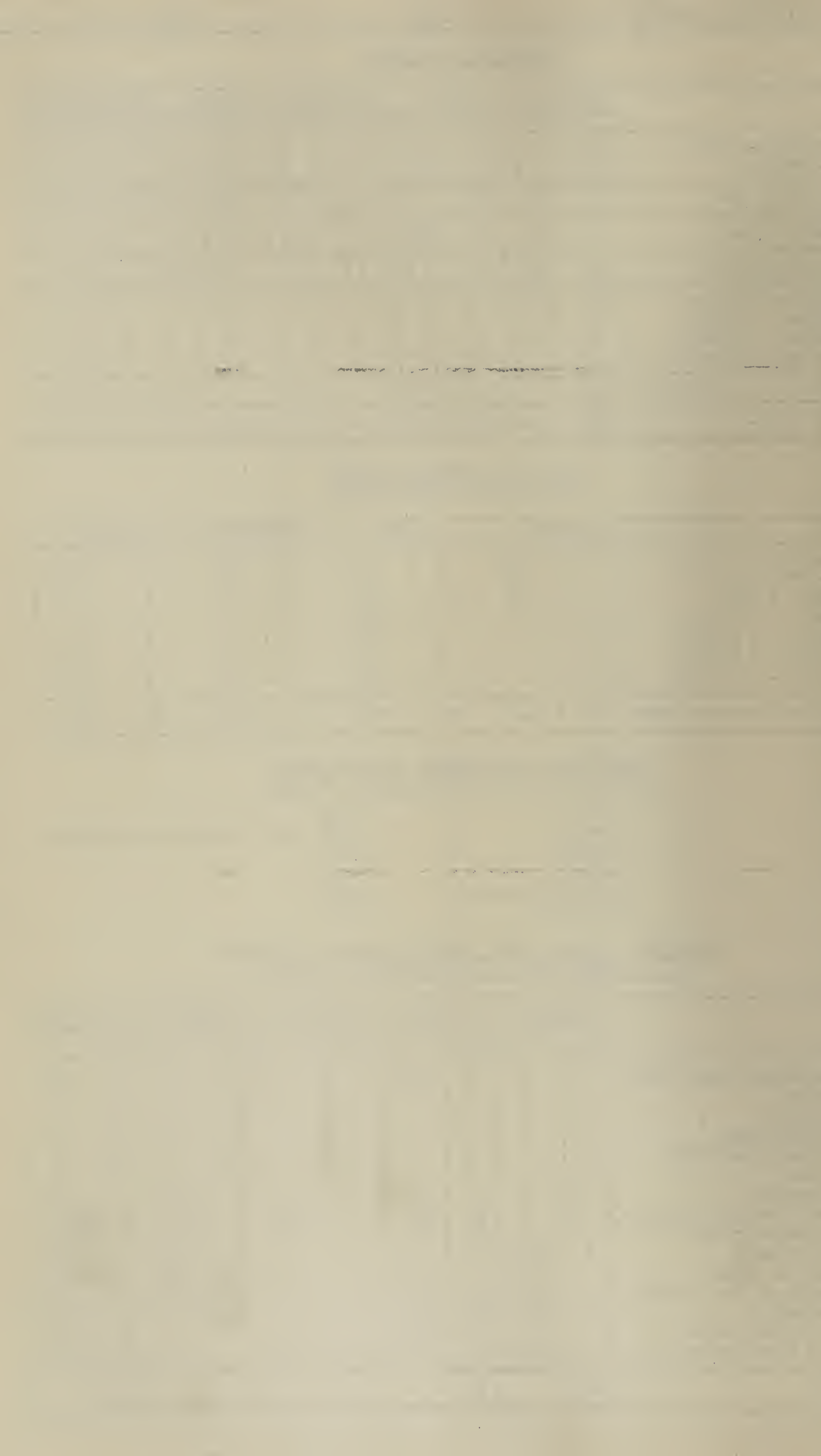
| | EUROPEAN | | BANTU | | COLOURED | | ASIATIC | |
|--------------------------|----------|--------|-------|--------|----------|--------|---------|--------|
| During 1st 24 hours | 7 | : 8.6 | 5 | : 7.1 | 2 | : 9.5 | 9 | : 11.0 |
| 2nd - 7th day | 4 | : 4.9 | 4 | : 5.7 | 0 | : 0 | 7 | : 8.5 |
| 1 Week - 1 Month | 1 | : 1.2 | 15 | : 21.3 | 1 | : 4.8 | 1 | : 1.2 |
| 1 Month - 2 Months | 0 | : 0 | 9 | : 12.8 | 0 | : 0 | 0 | : 0 |
| 3 Months - 5 Months | 0 | : 0 | 9 | : 12.8 | 2 | : 9.5 | 4 | : 4.9 |
| 6 Months - 8 Months | 0 | : 0 | 6 | : 8.5 | 0 | : 0 | 3 | : 3.7 |
| 9 Months - 11 Months | 0 | : 0 | 9 | : 12.8 | 1 | : 4.8 | 5 | : 6.1 |
| Infantile Mortality Rate | 12 | : 14.7 | 57 | : 80.9 | 6 | : 28.6 | 29 | : 35.4 |

PERCENTAGE OF DEATHS AT ALL AGES
OCCURRING IN THE FIRST YEAR OF LIFE

| | | | |
|------------------|---|-------|------------------------------|
| European | : | 3.5% | (This figure is unreliable). |
| Bantu | : | 44.2% | |
| Coloured | : | 20.7% | |
| Asiatic | : | 20.3% | |
| All Non-European | : | 30.6% | |
| All Races | : | 16.2% | |

INFANTILE DEATHS FROM VARIOUS CAUSES EXPRESSED
AS A PERCENTAGE OF ALL INFANTILE DEATHS.

| | EUROPEAN | | BANTU | | COLOURED | | ASIATIC | | ALL NON-EUR | |
|--------------------------|----------|------|-------|------|----------|------|---------|------|-------------|------|
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| Tuberculosis (all forms) | 0 | 0 | 2 | 3.5 | 0 | 0 | 0 | 0 | 2 | 2.2 |
| Syphilis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Whooping Cough | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cerebro-Spinal Fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Measles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malnutrition | 0 | 0 | 1 | 1.7 | 0 | 0 | 1 | 3.4 | 2 | 2.2 |
| Bronchitis and Pneumonia | 0 | 0 | 12 | 21.1 | 1 | 16.7 | 6 | 20.7 | 19 | 20.7 |
| Gastro-Enteritis | 0 | 0 | 15 | 26.3 | 1 | 16.7 | 7 | 24.1 | 23 | 25.0 |
| Malformations | 1 | 8.3 | 0 | 0 | 0 | 0 | 2 | 6.9 | 2 | 2.2 |
| Injury at Birth | 1 | 8.3 | 1 | 1.7 | 0 | 0 | 1 | 3.4 | 2 | 2.2 |
| Asphyxia - Atelectasis | 1 | 8.3 | 1 | 1.7 | 1 | 16.7 | 3 | 10.3 | 5 | 5.4 |
| Prematurity | 7 | 58.3 | 13 | 22.8 | 0 | 0 | 8 | 27.6 | 21 | 22.8 |
| Ill defined causes | 0 | 0 | 6 | 10.5 | 0 | 0 | 0 | 0 | 6 | 6.5 |
| Other specified causes | 2 | 16.7 | 6 | 10.5 | 3 | 50 | 1 | 3.4 | 10 | 10.9 |
| | 12 | | 57 | | 6 | | 29 | | 92 | |



RESPIRATORY SYSTEM TUBERCULOSIS

(Code No. 001 - 008)

DEATHS IN MONTHS OF THE YEAR

| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|-----------|----------|---|---|-------|---|---|----------|---|---|---------|---|---|--------------|---|---|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| August | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| September | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| November | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : | 1 | 0 | 1 | 2 | 1 | 3 | 1 | 0 | 1 | 2 | 0 | 2 | 5 | 1 | 6 |

DEATH RATES (PER 1,000 POPULATION)

| | | |
|-------------------|---|-------|
| European | : | 0.025 |
| Bantu | : | 0.1 |
| Coloured | : | 0.2 |
| Asiatic | : | 0.09 |
| All Non-Europeans | : | 0.1 |
| ALL PERSONS | : | 0.07 |

DEATHS IN AGE GROUPS

| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|--------------|----------|---|---|-------|---|---|----------|---|---|---------|---|---|--------------|---|---|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| 0 - 1 year | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| 1 - 2 years | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 2 - 4 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 14 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 24 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 34 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 44 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 54 years | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 64 years | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 2 | 3 | 0 | 3 |
| 5 - 74 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 and Over | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL : | 1 | 0 | 1 | 2 | 1 | 3 | 1 | 0 | 1 | 2 | 0 | 2 | 5 | 1 | 6 |

(Code No. I. 010 - 019)

[illegible]

| | | |
|------------------|---|---|
| European | : | 0 |
| Bantu | : | 0 |
| Coloured | : | 0 |
| Asiatic | : | 0 |
| All Non-European | : | 0 |
| ALL PERSONS | : | 0 |

[illegible]

MALIGNANT AND OTHER NEOPLASMS
(Code No. II. 140 - 239)

DEATHS IN AGE GROUPS

| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|--------------|----------|----|----|-------|---|---|----------|---|---|---------|---|---|--------------|---|----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| Under 1 year | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 - 2 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 2 - 4 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 14 years | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 24 years | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 5 - 34 years | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 44 years | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 54 years | 4 | 5 | 9 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 2 | 3 | 0 | 3 |
| 5 - 64 years | 8 | 5 | 13 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 1 | 1 | 1 | 3 | 4 |
| 5 - 74 years | 3 | 5 | 8 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 2 |
| 5 and Over | 4 | 5 | 9 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 3 |
| TOTAL : | 24 | 23 | 47 | 3 | 2 | 5 | 1 | 1 | 2 | 5 | 2 | 7 | 9 | 5 | 14 |

DEATH RATE PER 1,000 POPULATION

| | | |
|------------------|---|-----|
| European | : | 1.2 |
| Bantu | : | 0.2 |
| Coloured | : | 0.4 |
| Asiatic | : | 0.3 |
| All Non-European | : | 0.3 |
| ALL PERSONS | : | 0.6 |

FORMS OF MALIGNANT AND OTHER NEOPLASMS CAUSING DEATH.

| Age Groups | 0 - 24 | | | | 25 - 44 | | | | 45 - 64 | | | | 65 and Over | | | |
|---|--------|---|--------|---|---------|---|--------|---|---------|----|--------|---|-------------|----|--------|---|
| | Eur. | | N-Eur. | | Eur. | | N-Eur. | | Eur. | | N-Eur. | | Eur. | | N-Eur. | |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| Malignant Neoplasm of - | | | | | | | | | | | | | | | | |
| 0 Lip | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 Tongue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Oral Mesopharynx | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 Pharynx, unspec. | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 Oesophagus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 Stomach | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2 Small intestine (inc. duodenum) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 Large intest.(exc. rectum) | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 2 | 3 | 1 | 0 |
| 4 Rectum | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5 Biliary pass. & liver | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 Liver (sec.&unspec.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 |
| 7 Pancreas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 Peritoneum | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 Larynx | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2 Trachea, bronchus & lung - primary | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 Trachea - Secondary | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 |
| 0 Breast | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 1 Cervix uteri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 2 Corpus uteri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 3 | 0 | 0 |
| 5 Ovary, Fallopian tube and broad lig. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 7 Prostate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 8 Testis | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 Other & unspec. male genital org. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 0 Kidney | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 Bladder/Urinary org. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 Melanoma of skin | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 Eye | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 Thyroid Gland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 6 Bone | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 8 Secondy. & unspec. mgnt. neop. of lymph nodes | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 Other & unspec. sites | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 Lymphosarcoma and reticulosarcoma | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 Hodgkin's disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 7 Leukaemia & aleukaemia | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 Unspec. nature brain & parts-ner. system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 3 | 0 | 1 | 1 | 2 | 3 | 0 | 0 | 12 | 10 | 4 | 3 | 7 | 10 | 4 | 1 |

DISEASES OF THE CIRCULATORY SYSTEM

(Code Nos. VII. 400 - 468)

DEATH IN AGE GROUPS

| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|---------------|----------|----|-----|-------|---|---|----------|---|---|---------|----|----|--------------|----|----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| Under 1 year | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 1 - 2 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 - 4 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 - 14 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 - 24 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 25 - 34 years | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 - 44 years | 2 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 45 - 54 years | 15 | 4 | 19 | 0 | 2 | 2 | 1 | 0 | 1 | 7 | 2 | 9 | 8 | 4 | 12 |
| 55 - 64 years | 9 | 5 | 14 | 2 | 0 | 2 | 0 | 1 | 1 | 6 | 5 | 11 | 8 | 6 | 14 |
| 65 - 74 years | 20 | 14 | 34 | 0 | 3 | 3 | 0 | 1 | 1 | 5 | 7 | 12 | 5 | 11 | 16 |
| 75 and Over | 31 | 38 | 69 | 0 | 0 | 0 | 1 | 1 | 2 | 9 | 0 | 9 | 10 | 1 | 11 |
| TOTAL : | 79 | 62 | 141 | 3 | 5 | 8 | 2 | 3 | 5 | 28 | 15 | 43 | 33 | 23 | 56 |

DEATH RATE (PER 1,000 POPULATION)

| | | |
|------------------|---|-----|
| European | : | 3.5 |
| Bantu | : | 0.3 |
| Coloured | : | 1.0 |
| Asiatic | : | 1.9 |
| All Non-European | : | 1.0 |
| ALL PERSONS | : | 2.1 |

DEATHS DUE TO PNEUMONIA AND BRONCHITIS
(Code Nos. VIII. 490 - 502)

RESIDENTS : (Given in months of the Year)

| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|-----------|----------|----|----|-------|----|----|----------|---|---|---------|----|----|--------------|----|----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| January | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 3 |
| February | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 3 |
| March | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 1 | 5 |
| April | 2 | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| May | 2 | 2 | 4 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 4 |
| June | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 1 | 3 | 4 |
| July | 4 | 5 | 9 | 1 | 1 | 2 | 1 | 0 | 1 | 5 | 3 | 8 | 7 | 4 | 11 |
| August | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| September | 2 | 1 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 |
| October | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 |
| November | 0 | 1 | 1 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 5 |
| December | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 3 | 3 |
| TOTAL : | 13 | 10 | 23 | 11 | 11 | 22 | 2 | 1 | 3 | 9 | 10 | 19 | 22 | 22 | 44 |

RESIDENTS : (GIVEN IN AGE GROUPS)

| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|---------------|----------|----|----|-------|----|----|----------|---|---|---------|----|----|--------------|----|----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| Under 1 year | 0 | 0 | 0 | 7 | 5 | 12 | 1 | 0 | 1 | 2 | 4 | 6 | 10 | 9 | 19 |
| 1 - 2 years | 0 | 2 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 4 |
| 2 - 4 years | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 5 |
| 5 - 14 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 - 24 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 - 34 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 - 44 years | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 45 - 54 years | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 55 - 64 years | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 4 |
| 65 - 74 years | 2 | 1 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 2 | 3 |
| 75 and Over | 10 | 7 | 17 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 3 | 4 | 7 |
| TOTAL : | 13 | 10 | 23 | 11 | 11 | 22 | 2 | 1 | 3 | 9 | 10 | 19 | 22 | 22 | 44 |

| | | | | | | | | | | | | | | | |
|------------|----|----|----|----|----|----|---|---|---|---|----|----|----|----|----|
| bronchitis | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 2 | 5 | 4 | 2 | 6 |
| Pneumonia | 13 | 9 | 22 | 10 | 11 | 21 | 2 | 1 | 3 | 6 | 8 | 14 | 18 | 20 | 38 |
| TOTAL : | 13 | 10 | 23 | 11 | 11 | 22 | 2 | 1 | 3 | 9 | 10 | 19 | 22 | 22 | 44 |

DEATH RATES PER 1,000 POPULATION

BRONCHITIS : Code Nos. 500 - 502.

| | | |
|------------------|---|-------|
| European | : | 0.025 |
| Bantu | : | 0.04 |
| Coloured | : | 0 |
| Asiatic | : | 0.2 |
| All Non-European | : | 0.1 |
| ALL PERSONS | : | 0.07 |

PNEUMONIA : Code Nos. 490 - 493.

| | | |
|------------------|---|-----|
| European | : | 0.5 |
| Bantu | : | 0.8 |
| Coloured | : | 0.6 |
| Asiatic | : | 0.6 |
| All Non-European | : | 0.7 |
| ALL PERSONS | : | 0.6 |

DEATHS DUE TO GASTRO-ENTERITIS AND COLITIS

(Age 4 weeks and over)

(Code No. IX. 571)

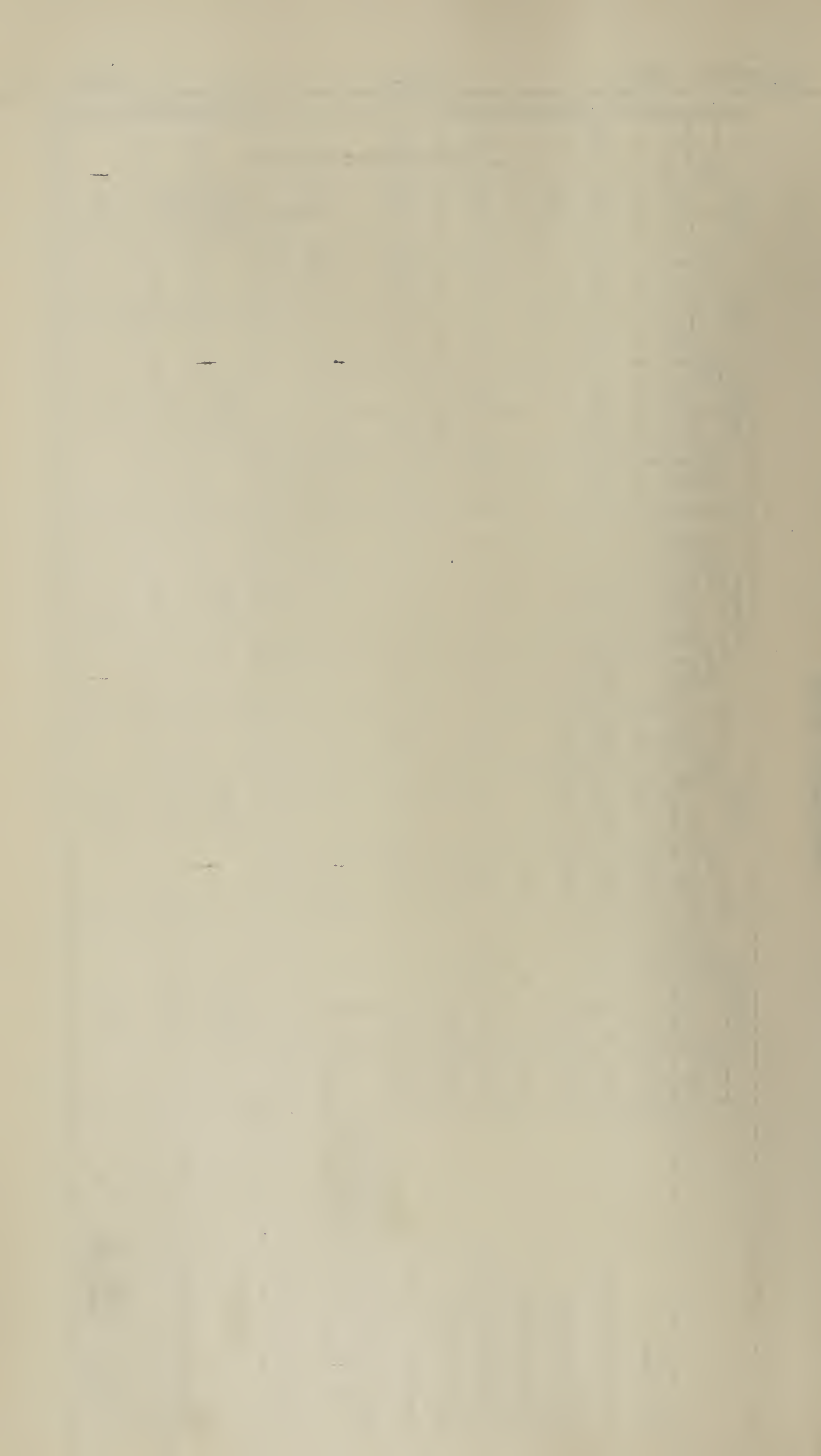
| | EUROPEAN | | | BANTU | | | COLOURED | | | ASIATIC | | | ALL NON-EUR. | | |
|-----------|----------|---|---|-------|----|----|----------|---|---|---------|---|----|--------------|----|----|
| | M | F | P | M | F | P | M | F | P | M | F | P | M | F | P |
| January | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 4 | 5 |
| February | 0 | 0 | 0 | 2 | 4 | 6 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 6 | 8 |
| March | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 |
| April | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| May | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 3 |
| June | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| July | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| September | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| October | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 2 | 2 | 1 | 3 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 2 | 3 | 0 | 3 |
| TOTAL : | 0 | 0 | 0 | 5 | 12 | 17 | 1 | 1 | 2 | 9 | 2 | 11 | 15 | 15 | 30 |

DISTRICTS OF RESIDENCE OF CASES OF ENTERIC

FEVER AND TUBERCULOSIS

| | Notifications of Enteric Fever | Deaths from Tuberculosis |
|--------------------------------------|-----------------------------------|-----------------------------|
| Pietermaritzburg Central | — | 3 (1 E., 2 C.) |
| Zwartkop Valley | — | — |
| Wembley | — | — |
| Montrose | — | — |
| Scottsville | — | — |
| Mountain Rise | 1 | — |
| Pentrich | — | 2 (1 B., 1 A.) |
| Pentrich (outside water supply area) | 1 | — |
| Chase and Town Bush Valleys | — | — |
| Sobantu Village | 1 | 1 (B) |
| Hathorn's Hill | — | — |
| Asiatic Housing Scheme | — | — |
| Raisethorpe | — | 2 (1 B., 1 A.) |
| Northdale and Woodlands | — | — |
| TOTAL : | 3 | 8 |

| | European | | | | | | Bantu | | | | | | Coloured | | | | | | Asiatic | | | | | | Total | | | | | |
|--|----------|----|---|------|---|---|-------|-----|------|------|---|---|----------|----|----|------|---|---|---------|-----|----|------|---|---|-------|-----|------|------|--|--|
| | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Cases | 47 | 36 | 5 | 1 | | | 233 | 67 | 491 | 66 | | | 21 | 22 | 5 | 2 | | | 66 | 39 | 9 | 7 | | | 367 | 164 | 510 | 76 | | |
| Total Attendances | 124 | 71 | 8 | 9 | | | 1023 | 387 | 1341 | 272 | | | 129 | 96 | 12 | 7 | | | 402 | 273 | 43 | 20 | | | 1678 | 827 | 1704 | 308 | | |
| Sputa Examined | 21 | 16 | 3 | 9 | | | 109 | 20 | 158 | 18 | | | 14 | 5 | 2 | 2 | | | 41 | 14 | 3 | - | | | 185 | 55 | 166 | 29 | | |
| Sputa Positive | 2 | 2 | - | - | | | 7 | 3 | 16 | - | | | 5 | - | - | - | | | 6 | - | - | - | | | 20 | 5 | 16 | - | | |
| X-Ray Examinations | 53 | 41 | 4 | 3 | | | 180 | 50 | 421 | 33 | | | 23 | 17 | 6 | 2 | | | 59 | 32 | 10 | 4 | | | 315 | 140 | 441 | 42 | | |
| X-Ray Positive | 22 | 19 | 2 | 3 | | | 136 | 43 | 262 | 30 | | | 20 | 14 | 6 | 2 | | | 46 | 26 | 8 | 3 | | | 224 | 102 | 278 | 38 | | |
| Positive Diagnosis | 12 | 13 | 1 | 1 | | | 153 | 42 | 277 | 30 | | | 15 | 15 | 4 | 2 | | | 46 | 26 | 7 | 5 | | | 226 | 96 | 289 | 38 | | |
| Adm. to King George V Hospital, S.A.N.T.A. and to Non-Eur. Inf. Dis. Hosp. from Clinic | 2 | 2 | - | 1 | | | 23 | 6 | 35 | 4 | | | 2 | 1 | 3 | 1 | | | 8 | 5 | 9 | 2 | | | 36 | 14 | 47 | 8 | | |
| Contacts Examined | 22 | 22 | 4 | 1 | | | 131 | 42 | 51 | 4 | | | 10 | 16 | 2 | - | | | 40 | 25 | 4 | 2 | | | 203 | 105 | 61 | 7 | | |
| | EUROPEAN | | | | | | BANTU | | | | | | COLOURED | | | | | | ASIATIC | | | | | | TOTAL | | | | | |
| Streptomycin Injections given | 60 | | | | | | 471 | | | | | | 97 | | | | | | 158 | | | | | | 786 | | | | | |
| Home Visits to Tuberculosics and their contacts (Borough cases only) | 998 | | | | | | 2,312 | | | | | | 341 | | | | | | 925 | | | | | | 4,576 | | | | | |



MINIATURE X-RAY CLINIC ATTENDANCES

| | EUROPEAN | | | | | | BANTU | | | | | | COLOURED | | | | | | ASIATIC | | | | | | TOTAL | | | | | |
|---|----------|-----|----|------|---|--|-------|-----|--|------|-----|--|----------|-----|---|------|---|--|---------|------|--|------|---|---|-------|-----|-----|------|------|-----|
| | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | |
| | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | |
| Ref. by Pass Office Med. Examination | | | | | | | 6131 | | | 7530 | | | | | | | | | 6131 | | | | | | | | | 7530 | | |
| Pre-employment X-Ray | 70 | 39 | | | | | 61 | 7 | | 11 | 22 | | 38 | 12 | 1 | | | | 329 | 19 | | | | | 329 | 70 | 39 | 12 | 22 | |
| Ref. by Employers | 65 | 59 | 1 | | | | 646 | 184 | | 81 | 63 | | 12 | 5 | 3 | | | | 1022 | 251 | | | | | 1022 | 251 | | 87 | 140 | |
| Routine Suspect Contact | 78 | 41 | | | | | 439 | 10 | | 10 | 10 | | 5 | | | | | | 606 | 51 | | | | | 606 | 51 | 10 | 22 | | |
| Ref. by Doctors | 5 | 3 | | | | | | | | 39 | 2 | | 16 | 11 | 3 | | | | 3 | 7 | | | | | 8 | 7 | 39 | 2 | | |
| Routine Suspect Contact | 98 | 113 | 20 | | | | 132 | 54 | | 227 | 128 | | | | | | | | 404 | 276 | | | | 4 | 98 | 404 | 276 | 294 | 164 | |
| | 2 | 1 | | | | | | | | | | | | | | | | | 3 | 1 | | | | | 1 | 3 | 1 | | | |
| Voluntary Attendance | 151 | 108 | 30 | | | | 60 | 41 | | 62 | 26 | | 19 | 13 | 2 | | | | 230 | 162 | | | | | 230 | 162 | 94 | 49 | | |
| Routine Suspect Contact | 219 | 25 | 4 | | | | 27 | 10 | | | 5 | | | | | | | | 248 | 42 | | | | 2 | 7 | 248 | 42 | 4 | 9 | |
| Referred by Health Visitor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Routine Suspect Contact | 78 | 1 | 4 | | | | 3 | 4 | | 119 | 2 | | 32 | 38 | | | | | 4 | 5 | | | | | 124 | 107 | 4 | 1 | 124 | 32 |
| | | 72 | | | | | 211 | 164 | | | 29 | | | | | | | | 445 | 381 | | | | | | | 5 | 1 | | |
| Follow-up X-Ray | 55 | 32 | 6 | | | | 194 | 53 | | 17 | 11 | | 11 | 10 | | | | | 249 | 74 | | | | | 44 | 10 | 74 | 17 | 11 | |
| ex. Hosp. ex. Clinic | | | | | | | 386 | 110 | | 239 | 80 | | 38 | 23 | | | | | 621 | 232 | | | | | 142 | 67 | 621 | 251 | 84 | |
| TOTALS: | 821 | 495 | 65 | | | | 8290 | 637 | | 8336 | 378 | | 172 | 112 | 9 | | | | 10370 | 1540 | | | | | 1087 | 296 | 30 | 53 | 8463 | 537 |

GRAND TOTAL : 20,910

RESULTS OF MINIATURE X-RAYS

(Excluding Follow-up X-Rays of Hospital and Clinic Cases).

| | EUROPEAN | | | | | | BANTU | | | | | | COLOURED | | | | | | ASIATIC | | | | | | TOTAL | | | | | |
|------------------------------|----------|-----|--|------|-----|--|-------|-----|--|------|-----|--|----------|----|--|------|---|--|---------|-----|--|------|----|--|-------|------|--|------|-----|--|
| | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | |
| | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | |
| 1. Suspected P. Tuberculosis | 66 | 38 | | 5 | 4 | | 507 | 51 | | 370 | 56 | | 21 | 18 | | 4 | 1 | | 87 | 42 | | 15 | 8 | | 681 | 149 | | 394 | 69 | |
| 2. Other lung conditions | 95 | 32 | | 17 | 12 | | 123 | 39 | | 111 | 19 | | 9 | 12 | | 1 | - | | 121 | 14 | | 98 | 2 | | 348 | 97 | | 227 | 33 | |
| 3. Cardiac Conditions | 2 | - | | - | - | | 2 | 6 | | 1 | 2 | | - | - | | - | - | | 2 | 3 | | - | - | | 6 | 9 | | 1 | 2 | |
| 4. Spinal or Thoracic cage | 1 | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | 1 | - | | - | - | |
| 5. Nil abnormal detected | 602 | 401 | | 27 | 108 | | 7072 | 315 | | 7591 | 237 | | 103 | 59 | | 4 | 4 | | 696 | 170 | | 24 | 18 | | 8473 | 945 | | 7646 | 367 | |
| 6. Other conditions noted | - | 1 | | - | - | | 6 | 3 | | 1 | 1 | | - | - | | - | - | | - | - | | - | - | | 6 | 4 | | 1 | 1 | |
| TOTALS : | 766 | 472 | | 49 | 124 | | 7710 | 414 | | 8074 | 315 | | 133 | 89 | | 9 | 5 | | 906 | 229 | | 137 | 28 | | 9515 | 1204 | | 8269 | 472 | |

European : 1,411

All Non-European : 18,049

All Persons : 19,460

FOLLOW-UP RESULTS OF SUSPECTED CASES DETECTED BY MINIATURE X-RAY

(excluding Pass Office Cases)

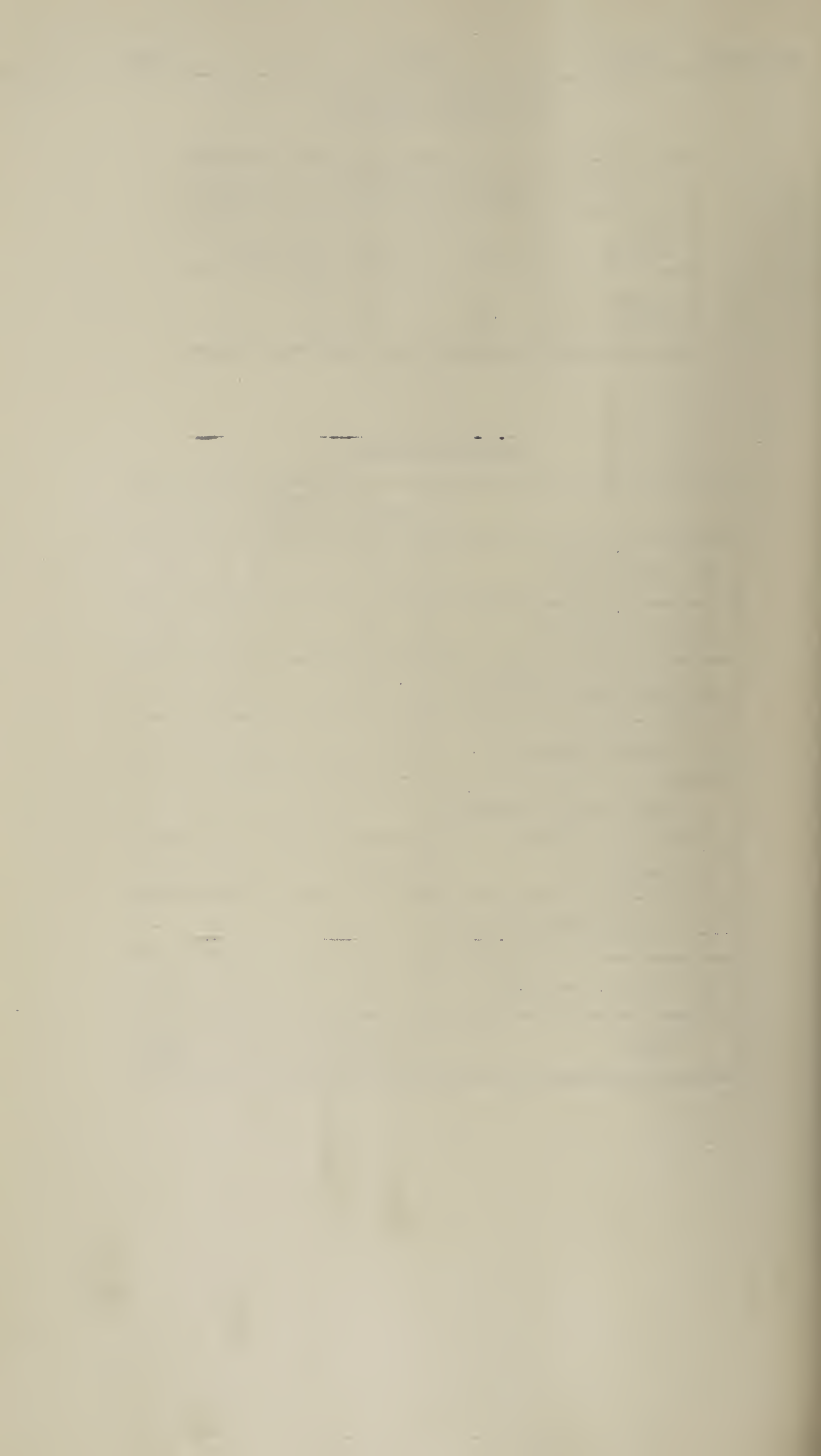
| | EUROPEAN | | | | | | BANTU | | | | | | COLOURED | | | | | | ASIATIC | | | | | | TOTAL | | | | | |
|---------------------------|----------|----|--|------|---|--|-------|----|--|------|----|--|----------|----|--|------|---|--|---------|----|--|------|---|--|-------|-----|--|------|----|--|
| | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | |
| | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | |
| A. P.T.B. Active | 14 | 8 | | 2 | 1 | | 117 | 23 | | 31 | 21 | | 6 | 3 | | - | - | | 49 | 17 | | 4 | 2 | | 186 | 51 | | 37 | 24 | |
| B. P.T.B. Inactive | 2 | 1 | | - | - | | 3 | 2 | | - | 1 | | 2 | - | | - | - | | 6 | - | | - | - | | 13 | 3 | | - | 1 | |
| C. Other Lung Conditions | 3 | 2 | | - | - | | - | - | | - | - | | 1 | - | | 1 | - | | 2 | 2 | | - | - | | 6 | 4 | | 1 | - | |
| D. Cardiac Conditions | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | |
| E. Nil Abnormal | 21 | 14 | | 1 | - | | 44 | 13 | | 19 | 17 | | 5 | 7 | | 1 | 1 | | 15 | 14 | | 5 | 3 | | 85 | 48 | | 26 | 21 | |
| F. Other Conditions noted | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | | - | - | |
| G. Did not re-attend | 26 | 13 | | 2 | 3 | | 67 | 13 | | 53 | 17 | | 7 | 8 | | 2 | - | | 15 | 9 | | 6 | 3 | | 115 | 143 | | 63 | 23 | |
| TOTAL | 66 | 38 | | 5 | 4 | | 231 | 51 | | 103 | 56 | | 21 | 18 | | 4 | 1 | | 87 | 42 | | 15 | 8 | | 405 | 149 | | 127 | 69 | |

PASS OFFICE ANALYSIS

| | Borough | Out-of-Borough | Total |
|----------------|---------|----------------|--------|
| Total X-Rayed | 5,855 | 7,263 | 13,118 |
| Suspect P.T.B. | 276 | 267 | 543 |

FOLLOW-UP RESULTS

| | Borough | Out-of-Borough | Total |
|----------------------------|---------|----------------|-----------------------|
| 1A. P.T.B. Active | 129 | 124 | 253 |
| 1B. P.T.B. Inactive | 7 | 3 | 10 |
| 2. Other Lung Conditions | 2 | - | 2 |
| 3. Cardiac Conditions | - | 1 | 1 |
| 4. Spinal or Thoracic Cage | - | - | - |
| 5. N.A.D. | 69 | 70 | 139 |
| 6. Other Conditions Noted | - | - | - |
| 7. Did not Re-attend | 69 | 70 | 139 |
| TOTAL | 276 | 267 | 196 543 |

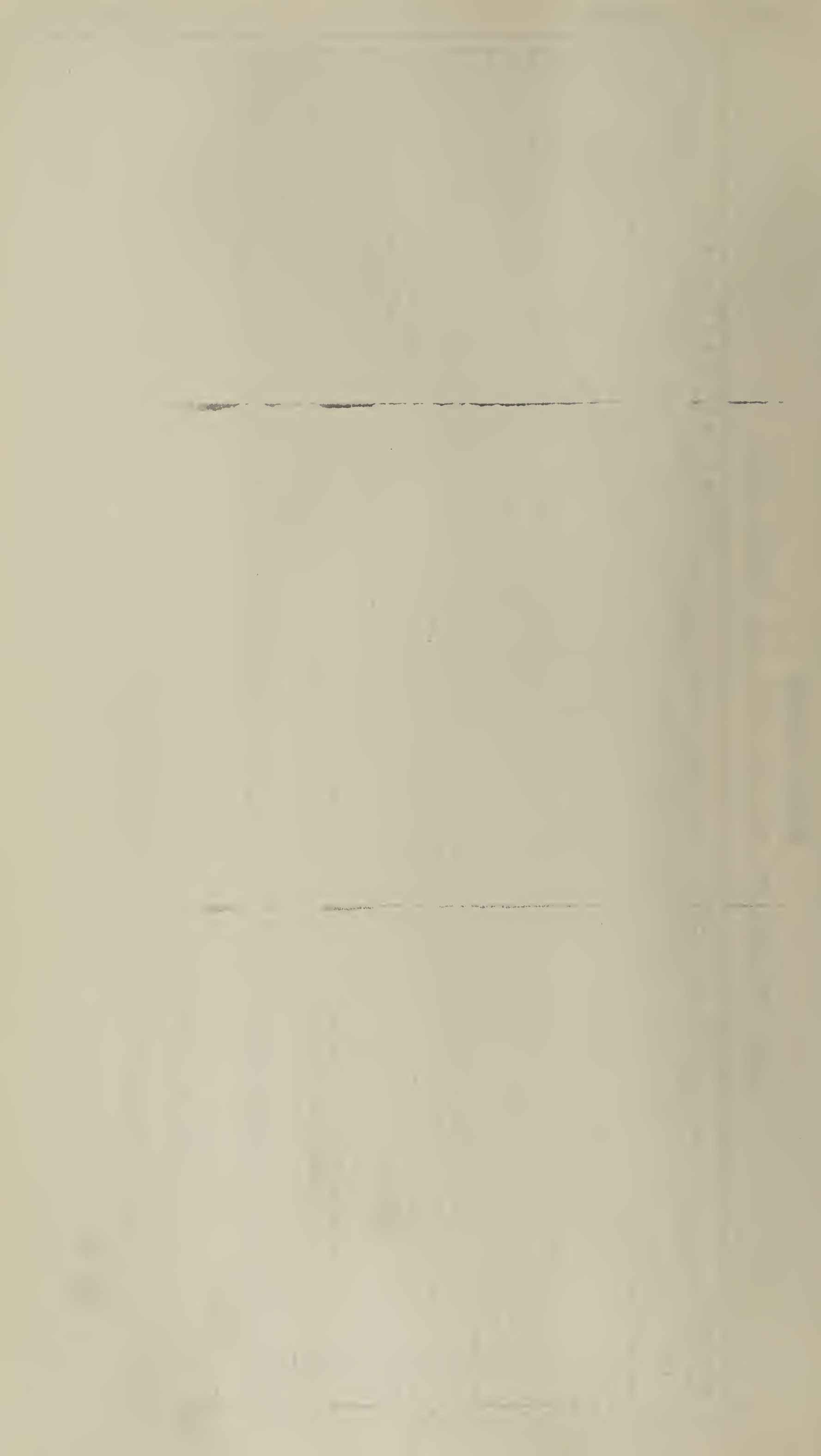


VENEREAL DISEASE

CLINIC ATTENDANCES FOR THE YEAR ENDING 31st DECEMBER, 1962.

| (for key) (see page) (50) | NEW C A S E S | | | | | | | | | | | | T O T A L A T T E N D A N C E S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---------------|---|--|------|---|--|-------|---|--|------|---|--|-----------------------------------|---|--|------|---|--|----------|---|--|------|---|--|----------|---|--|------|---|--|-------|---|--|------|---|--|----------|---|--|------|---|--|---------|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|---|--|---|
| | EUROPEAN | | | | | | BANTU | | | | | | ASIATIC | | | | | | COLOURED | | | | | | EUROPEAN | | | | | | BANTU | | | | | | COLOURED | | | | | | ASIATIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | Bor. | | | O/B. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M | F | | M |

| | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|-----|-----|----|-----|---|---|---|---|----|----|---|---|
| 19 Disch. on Probn. | 3 | - | - | 1 | 163 | 164 | 79 | 149 | 3 | 7 | - | 1 | 9 | 9 | 1 | 3 |
| 20 Disch. Finally | 6 | 1 | - | - | 141 | 56 | 57 | 67 | 6 | 6 | 1 | 2 | 12 | 18 | 3 | 7 |



V.D. CLINIC DEFAULTER INVESTIGATIONS

| | EUROPEAN | | BANTU | | COLOURED | | ASIATIC | |
|---|----------|---|-------|-----|----------|---|---------|----|
| | M | F | M | F | M | F | M | F |
| UNABLE TO TRACE | 1 | 1 | 136 | 84 | 2 | - | 1 | 1 |
| RETURNED TO CLINIC | - | 2 | 285 | 258 | 3 | 4 | 2 | 7 |
| DID NOT RETURN | - | 1 | 31 | 21 | 1 | 1 | 1 | 1 |
| TOTAL OF DEFAULTERS | 1 | 4 | 445 | 363 | 6 | 5 | 4 | 9 |
| NO. OF VISITS | 1 | 5 | 543 | 404 | 7 | 5 | 6 | 14 |
| <u>RETURNED TO CLINIC</u> | | | | | | | | |
| <u>A. At Request of Health Visitor or Bantu Health Assistant</u> | | | | | | | | |
| 1) Following personal visits | - | 2 | 299 | 249 | 3 | 4 | 2 | 7 |
| 2) Following letters | - | - | - | - | - | - | - | - |
| 3) Following telephone calls | - | - | - | - | - | - | - | - |
| 4) Following accidental encounter | - | 1 | 15 | 12 | - | - | 1 | 1 |
| <u>B. Supplementary Visits by Health Visitor (in case of Bantu Health Assistants)</u> | | | | | | | | |
| 1) Employer telephoned | - | - | 8 | 4 | - | - | - | - |
| 2) Employer visited | - | - | 10 | 40 | - | - | - | - |
| 3) Defaulters visited | - | - | 59 | 88 | - | - | - | - |
| <u>REASONS FOR DEFAULTING</u> | | | | | | | | |
| No reason | - | - | 54 | 24 | 2 | 1 | 1 | 2 |
| Unable to pay transport | - | - | - | - | - | - | - | - |
| Left City | - | 1 | 130 | 95 | 1 | 1 | 1 | 2 |
| Hours of work prevent attendance | - | - | 92 | 63 | - | - | - | 1 |
| <u>Clinic Hours Unsuitable:</u> | | | | | | | | |
| Prefer morning clinic | - | - | 2 | - | - | - | - | - |
| Prefer afternoon clinic | - | - | - | - | - | - | - | - |
| Prefer evening clinic | - | - | 3 | - | - | - | - | - |
| Prefer Saturday morning clinic | - | - | - | - | - | - | - | 2 |
| Thought him /herself cured | - | - | 130 | 76 | - | - | - | - |
| Races not separated enough at Clinic | - | - | - | - | - | - | - | - |
| Clinic not private enough | - | - | - | - | - | - | - | - |
| Reaction to Injections | - | - | - | - | - | - | - | - |
| Illness | - | - | 15 | 56 | - | 1 | - | 2 |
| Other reasons | - | - | - | - | - | - | - | - |

| V.D. HOSPITAL RETURNS | BANTU | | | | | | COLOURED S | | | | | | ASIATICS | | | | | |
|---|-----------|----|-------|---|---------|------|------------|-----|-------|---|---------|------|-----------|---|-------|---|---------|------|
| | New Cases | | | Total Attendances Total Patient Days | | | New Cases | | | Total Attendances Total Patient Days | | | New Cases | | | Total Attendances Total Patient Days | | |
| | Bor. | | O/B. | Bor. | | O/B. | Bor. | | O/B. | Bor. | | O/B. | Bor. | | O/B. | Bor. | | O/B. |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| 1. Seroneg. Prim. Syphilis | 16 | 3 | 33 | 1 | 62 | 12 | 123 | 2 | | | | | | | | | | |
| 2. Seropos. Prim. Syphilis | 64 | 4 | 120 | 10 | 272 | 19 | 445 | 36 | 1 | | | 4 | | | | | | |
| 3. Secondary Syphilis | 39 | 39 | 64 | 136 | 140 | 153 | 255 | 530 | 1 | | 4 | | | | 2 | | 8 | |
| 4. Tertiary Syph. (Clinical) | | | | | | | | | | | | | | | | | | |
| 5. Endosyphilis (Serological) | | 1 | 1 | | | 3 | 4 | | | | | | | | | | | |
| 6. Neurosyphilis | | | | | | | | | | | | | | | | | | |
| 7. Cong. Syph. under 1 year | 1 | | 5 | 4 | 7 | | 20 | 18 | | | | | | | | | | |
| 8. Cong. Syph. over 1 year | 1 | | 1 | | 5 | | 4 | | | | | | | | | | | |
| 9. Gonorrhoea | 15 | 5 | 23 | 5 | 27 | 15 | 42 | 22 | | | | | | | | | | |
| 10. G.C. Vulvo-vaginitis | | | | | | | | | | | | | | | | | | |
| 11. G.C. Ophthalmia | | | | | | | | | | | | | | | | | | |
| 12. Ulcus Molle | 3 | | 2 | | 12 | | 8 | | | | | | | | | | | |
| 13. Lymph. Venereum | 3 | | | | 13 | | | | | | | | | | | | | |
| 14. Gran. Venereum | | | | | | | | | | | | | | | | | | |
| 15. Venereal Warts | 13 | 3 | 43 | 7 | 53 | 14 | 172 | 26 | | | | | | | | | | |
| 16. Phagedaena | | | | | | | | | | | | | | | | | | |
| 17. Suspected V.D. | 8 | | 21 | 9 | 110 | | 189 | 64 | 1 | | | 19 | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| No. admitted during year | BANTU | | MALES | | FEMALES | | COL. | | MALES | | FEMALES | | AS. | | MALES | | FEMALES | |
| | Bor. | | 169 | | 51 | | Bor. | | - | | 1 | | Bor. | | - | | 2 | |
| | O/B. | | 304 | | 168 | | O/B. | | 1 | | 1 | | O/B. | | - | | - | |
| No. suffering from 2 or more Venereal Diseases | Bor. | | 4 | | 4 | | Bor. | | - | | - | | Bor. | | - | | - | |
| | O/B. | | 10 | | 3 | | O/B. | | - | | - | | O/B. | | - | | - | |

VENEREAL DISEASE Continued.

KEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS.

- 1. Seronegative Primary Syphilis.
- 2. Seropositive Primary Syphilis.
- 3. Secondary Syphilis.
- 4. Tertiary Syphilis (clinical).
- 5. Latent Syphilis (Serological).
- 6. Neurosyphilis.
- 7. Congenital Syphilis under 1 year.
- 8. Congenital Syphilis over 1 year.
- 9. Gonorrhoea.
- 10. Gonococcal Vulvo Vaginitis.
- 11. Gonococcal Ophthalmia.
- 12. Chancroid.
- 13. Lymphogranuloma Venereum.
- 14. Granuloma Inguinale.
- 15. Venereal Warts.
- 16. Non-Specific Urethritis.
- 17. Suspected Venereal Disease which proved Non-Venereal.
- 18. Suffering from 2 or more Venereal Diseases.

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL
(Non-European Venereal Diseases)

MALE : 8. FEMALE : 3. TOTAL : 11.

VENEREAL DISEASE HOME VISITS

| | European | Bantu | Coloured | Asiatic | Total | |
|------|----------|-----------|----------|---------|-----------|---------|
| | M : F | M : F | M : F | M : F | M : F | PERSONS |
| 1962 | - : - | 885 : 849 | 1 : 3 | - : 2 | 886 : 854 | 1,740. |

ANTE-NATAL TREATMENT OF SYPHILIS AT V.D. CLINICS

YEAR ENDING 31st DECEMBER, 1962.

| | S T A G E O F P R E G N A N C Y | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|-----|-------|-----|------|-----|--------------|-----|-------|-----|------|-----|--------------|-----|-------|-----|------|-----|
| | 1 - 3 Months | | | | | | 4 - 6 Months | | | | | | 7 - 9 Months | | | | | |
| | Eur. | | Bantu | | Col. | | Eur. | | Bantu | | Col. | | Eur. | | Bantu | | Col. | |
| | B. | O/B | B. | O/B | B. | O/B | B. | O/B | B. | O/B | B. | O/B | B. | O/B | B. | O/B | B. | O/B |
| No. of Pregnant women submitted to Serological Test | 1 | 1 | 3 | 1 | 3 | 1 | 1 | 1 | 11 | 11 | 1 | 16 | 8 | 1 | 65 | 74 | 2 | 10 |
| No. of Positive or Doubtful Reactors | 1 | 1 | 2 | | | | | | 9 | 10 | 1 | 5 | 2 | | 55 | 76 | 1 | 8 |
| No. of those who had previously received treatment | | 1 | | | | | | | 4 | 3 | 1 | 1 | 1 | | 13 | 12 | 1 | 4 |
| No. undergoing a First Course of treatment during pregnancy | 1 | | 3 | 1 | 1 | 1 | 1 | 1 | 6 | 8 | 1 | 7 | 5 | 1 | 58 | 70 | 1 | 7 |
| No. undergoing a 2nd or 3rd Course of treatment during pregnancy | | 1 | | | | | | | 3 | 1 | | 1 | | | 4 | 4 | 1 | 3 |

ADMISSIONS TO ISOLATION HOSPITAL (EUROPEAN)
AND NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

| | Borough Cases | | | | | Out-of-Borough Cases | | | | | Total Cases Borough and Out-of-Borough |
|-------------------------------------|---------------|----|----|----|-------|----------------------|-----|----|----|-------|--|
| | E | B | C | A | Total | E | B | C | A | Total | |
| Scarlet Fever | 6 | - | - | - | 6 | 1 | - | - | - | 1 | 7 |
| Measles | 44 | 3 | 6 | - | 53 | 3 | 27 | 2 | - | 32 | 85 |
| Measles & Encephalitis | - | - | - | 1 | 1 | - | - | - | - | - | 1 |
| Diphtheria | 7 | 4 | 6 | 3 | 20 | 4 | 155 | - | 5 | 164 | 184 |
| Diphtheria and Kwashiorkor | - | - | - | - | - | - | 1 | - | - | 1 | 1 |
| Diphtheria Carrier | - | 1 | 2 | - | 3 | - | - | - | 1 | 1 | 4 |
| Mumps | 14 | - | 1 | - | 15 | - | 4 | - | - | 4 | 19 |
| Mumps and Pulmonary Tuberculosis | - | - | - | - | - | - | 1 | - | - | 1 | 1 |
| Whooping Cough | 4 | - | 1 | - | 5 | - | 9 | - | - | 9 | 14 |
| Chicken Pox | 13 | - | 2 | - | 15 | - | 7 | 1 | - | 8 | 23 |
| C.S. Fever | - | - | 1 | - | 1 | - | 1 | - | - | 1 | 2 |
| Meningitis (Virus etc.) | 3 | - | 1 | - | 4 | 9 | 1 | - | - | 10 | 14 |
| German Measles | 10 | - | 1 | - | 11 | - | - | - | - | - | 11 |
| T.B. Meningitis | - | - | - | 1 | 1 | - | - | - | - | - | 1 |
| Pulmonary Tuberculosis | 1 | 47 | 7 | 14 | 69 | - | 79 | 7 | 4 | 90 | 159 |
| Poliomyelitis | - | - | - | - | - | - | 5 | - | - | 5 | 5 |
| Typhoid Fever | - | - | - | - | - | 6 | - | - | - | 6 | 6 |
| Encephalitis | - | - | - | - | - | 3 | - | - | - | 3 | 3 |
| Inf. Hepatitis | 1 | - | - | - | 1 | - | - | - | - | - | 1 |
| Kwashiorkor & Measles | - | - | - | - | - | - | 1 | - | - | 1 | 1 |
| TOTAL : | 103 | 55 | 28 | 19 | 205 | 26 | 291 | 10 | 10 | 337 | 542 |

ISOLATION HOSPITAL AND NON-EUROPEAN INFECTIOUS
DISEASES HOSPITAL

The following alterations in diagnosis were made following observation in hospital:-

BOROUGH CASES

- In 2 cases (Col.) diagnosis Diphtheria Carrier altered to "Non Virulent".
- In 1 case (Col.) diagnosis Diphtheria altered to Pneumonia.
- In 5 cases (4 Eur., 1 Bantu) diagnosis Diphtheria altered to Tracheitis or Pharyngitis or Laryngitis or Tonsillitis.
- In 1 case (Bantu) diagnosis Diphtheria altered to Thrush.
- In 1 case (Eur.) diagnosis German Measles altered to Measles.
- In 1 case (Eur.) diagnosis Measles altered to German Measles.
- In 1 case (Eur.) diagnosis Measles altered to Ringworm.
- In 1 case (Eur.) diagnosis Measles altered to Teething.
- In 3 cases (Eur.) diagnosis Measles altered to Influenza.
- In 1 case (Col.) diagnosis Chicken Pox altered to Secondary Syphilis.
- In 1 case (Eur.) diagnosis Meningitis altered to Influenza.
- In 1 case (Eur.) diagnosis Whooping Cough altered to Pneumonitis.

OUT-OF-BOROUGH CASES.

- In 4 cases (Bantu) diagnosis Diphtheria altered to Pharyngitis/Tonsillitis/Tracheo Bronchitis/Bronchitis/Laryngitis.
- In 1 case (Bantu) diagnosis Diphtheria altered to Influenza and Ascariasis.
- In 3 cases (Bantu) diagnosis Diphtheria altered to Measles.
- In 4 cases (Eur.) diagnosis Meningitis altered to Influenza.
- In 1 case (Eur.) diagnosis Meningitis altered to Gastro Enteritis.
- In 1 case (Bantu) diagnosis Meningitis altered to Virus Encephalitis.
- In 1 case (Bantu) diagnosis Poliomyelitis altered to Cerebral Tumour.
- In 1 case (Eur.) diagnosis Typhoid Fever altered to Paratyphoid Fever.
- In 1 case (Bantu) diagnosis Pulmonary Tuberculosis altered to Non-Pulmonary Tuberculosis.
- In 2 cases (Eur.) diagnosis Encephalitis altered to Aseptic Meningitis.
- In 2 cases (Eur.) diagnosis Encephalitis altered to Lymphocytic Meningitis.
- In 1 case (Bantu) diagnosis Whooping Cough altered to Broncho Pneumonia.
- In 1 case (Col.) diagnosis Measles altered to Pneumonia.

INFANT WELFARE1. INFANT CLINICS

| | European | Bantu | Coloured | Asiatic |
|-------------------------------|----------|-------|----------|---------|
| <u>NEW CASES:</u> | | | | |
| Under 1 Year | 638 | 672 | 215 | 780 |
| Over 1 Year | 11 | 34 | 16 | 7 |
| TOTAL: | 649 | 706 | 231 | 787 |
| <u>ATTENDANCES:</u> | | | | |
| Under 1 Year | 8588 | 9969 | 2387 | 10190 |
| Over 1 Year | 547 | 2657 | 528 | 1501 |
| TOTAL: | 9135 | 12626 | 2915 | 11691 |
| Number on Register | 1072 | 1211 | 464 | 1540 |
| Average Attendance per person | 8.5 | 10.4 | 6.3 | 7.6 |

2. HOME VISITS

| | European | Bantu | Coloured | Asiatic | Total |
|--------------------------------|----------|-------|----------|---------|-------|
| Ante-Natal | 12 | 9 | 9 | 167 | 197 |
| First Visits-(Notified Births) | 617 | 356 | 161 | 801 | 1935 |
| Re-Visits - under 1 year | 327 | 956 | 789 | 1205 | 3277 |
| Re-Visits - over 1 year | 645 | 1725 | 1475 | 2532 | 6377 |
| Infectious Disease (Non-T.B.) | 93 | 3 | 4 | 5 | 105 |
| Protected Infants | - | 12 | - | - | 12 |
| Pediculosis & Scabies Visits | 1 | - | - | 1 | 2 |
| Infantile Mortality Visits | 15 | 49 | 2 | 26 | 92 |
| Other Home Visits | 160 | 18 | - | 84 | 262 |
| TOTAL: | 1870 | 3128 | 2440 | 4821 | 12259 |

3. MILK DISTRIBUTED

| | European | Bantu | Coloured | Asiatic | Total |
|---------------|----------|-------|----------|---------|-------|
| Fresh - Pints | 3802 | 12396 | 1312 | 12226 | 29736 |
| Dried - lbs. | 419 | 5150 | 743 | 3505 | 9817 |

FOODSTUFFSSAMPLES TAKEN AND SUBMITTED FOR ANALYSIS.MILK(a) Bacteriological Examination - Breed Counts:

| | | |
|--|---|-----------|
| Samples with less than 30,000 bacteria per c.c. | : | 3 |
| Samples with between 30,000 and 200,000 bacteria | | |
| per c.c. | : | 61 |
| Samples with more than 200,000 bacteria per c.c. | : | 5 |
| <u>TOTAL</u> | | <u>69</u> |

(b) Bacteriological Examination - Plate Counts:

| | | |
|--|---|--------------------------------|
| Samples with less than 30,000 bacteria per c.c. | : | 7 (inc. 1 Pasteurised) |
| Samples with between 30,000 and 200,000 bacteria | | |
| per c.c. | : | 22 |
| Samples with more than 200,000 bacteria per c.c. | : | 19 (inc. 1 Pasteurised) |
| <u>TOTAL</u> | | <u>48 (inc. 2 Pasteurised)</u> |

(c) Bacteriological Examination - Faecal B. Coli:

| | | |
|--|---|--------------------------------|
| Samples with Faecal B. Coli absent | : | 33 (inc. 1 Pasteurised) |
| Samples with Faecal B. Coli present 1/10 c.c. | : | 7 |
| Samples with Faecal B. Coli present 1/100 c.c. | : | 26 (inc. 1 Pasteurised) |
| Samples with Faecal B. Coli present in less than | | |
| 1/100 c.c. | : | 12 (inc. 2 Pasteurised) |
| <u>TOTAL</u> | | <u>78 (inc. 4 Pasteurised)</u> |

(d) Bacteriological Examination - Resazurin Test:

| | | |
|--------------------------------------|---|-----------|
| No. of Samples reported satisfactory | : | 60 |
| No. of Samples reported Fair | : | 9 |
| No. of Samples reported Poor | : | 0 |
| <u>TOTAL</u> | | <u>69</u> |

(e) Chemical Examination (By Government Analyst):

| | | |
|--|---|-----------|
| Samples with Solids-Not-Fat 8.5% and over | : | 43 |
| Samples with Solids-Not-Fat over 8% and under 8.5% | : | 1 |
| Samples with Solids-Not-Fat below 8% | : | 0 |
| <u>TOTAL</u> | | <u>44</u> |

| | | |
|-------------------------------------|---|-----------|
| Samples with Butter Fat 3% and over | : | 44 |
| Samples with Butter Fat under 3% | : | 0 |
| <u>TOTAL</u> | | <u>44</u> |

(f) Phosphatase Testing of Pasteurised Milk:

| | | |
|---------------------------------------|---|------------|
| Samples sufficiently heat treated | : | 410 |
| Samples not sufficiently heat treated | : | 4 |
| <u>TOTAL</u> | | <u>414</u> |

2. WATERS

Bacteriological Examination by Bio-Chemist, City Engineer's Department.
(Results recorded in accordance with method laid down by Ministry of
Health - Publication No. 71, 1939).

| | Municipal Water Supply | | | Boreholes | | | Rain Water Tanks | | | Other Water Supplies (Streams, Springs, Wells) | | | Municipal Swimming Baths | | | Other Swimming Baths | | |
|--------------------------------|---------------------------|------------|--|----------------------|------------|--|----------------------|------------|--|---|------------|--|-----------------------------|------------|--|-------------------------|------------|--|
| | Incubation Period | | Diffe- rential Test (faecal) 48 hrs. | Incubation Period | | Diffe- rential Test (faecal) 48 hrs. | Incubation Period | | Diffe- rential Test (faecal) 48 hrs. | Incubation Period | | Diffe- rential Test (faecal) 48 hrs. | Incubation Period | | Diffe- rential Test (faecal) 48 hrs. | Incubation Period | | Diffe- rential Test (faecal) 48 hrs. |
| | 24 hrs. | 48 hrs. | | 24 hrs. | 48 hrs. | | 24 hrs. | 48 hrs. | | 24 hrs. | 48 hrs. | | 24 hrs. | 48 hrs. | | 24 hrs. | 48 hrs. | |
| Class I (Highly Sat. 0) | 261 | 230 | 273 | 1 | 1 | 1 | | | 1 | 2 | 1 | 6 | 2 | 2 | 2 | | | |
| Class II (Satis. 1 - 2) | 9 | 33 | | | | | 1 | 1 | 1 | 1 | | | | | | | | |
| Class III (Suspicious 3-10) | 1 | 6 | | | | | | | | | | | | | | | | |
| Class IV (Unsat. (over 10) | 2 | 4 | | 1 | 1 | 1 | | | | 6 | 8 | 3 | | | | | | |

FOODSTUFFS CONDEMNED AS UNFIT FOR HUMAN
CONSUMPTION

The following foodstuffs were inspected and condemned in the Municipal Market and in Shops within the Borough:-

| | |
|----------------------------------|------------------------------|
| Anchovies | 2 x 2 ozs. |
| Albacore | 14 ozs. |
| Asparagus | 10 tins |
| Apples | 2 tins |
| Aniseed | 2 pkts. |
| Apple Sauce | 1 lb. |
| Apple Spread | 1 lb. 1½ oz. |
| Biscuits | 7 x 4 ozs., 9 x 8 ozs. |
| Biscuits - dog | 1 x 1 lb. |
| Beef and Vegetables | 3 tins |
| Beef - chopped | 1 jar |
| Beans - Green | 63 pockets; 2 lbs. & 15 ozs. |
| Beans - Tinned | 23 tins |
| Beans - Baked | 8 tins |
| Cake Meal | 7 pkts. |
| Cocoanut | 1 x ½ oz. |
| Cinnamon | 1 pkt. |
| Crab | 2 tins |
| Chutney | 1 bot.; 42 jars |
| Cherries - in Syrup | 2 lbs. |
| Cheese Whirl | 1 bot. |
| Cucumbers | 3 poc.; 21 trays |
| Cereals | 29 pkts.; 2 bott. |
| Cabbages | 14 bags |
| Carrots | 53 pock. |
| Crumbs | 11 x 8 ozs. |
| Ducks | 3 |
| Dates | 8 x 1 lb.; 23 x 8 oz. |
| Eggs | 38 $\frac{7}{12}$ doz. |
| Eggs - Duck | 2 $\frac{3}{12}$ doz. |
| Egg Noodles | 23 x 8 oz. pkts. |
| Fowls | 61 |
| Fish - fresh | 117 lbs. |
| Fish paste | 1 bott.; 2 jars |
| Fish - pickled and curried | 145 tins |
| Fish - tinned | 3905 tins |
| Fruit - juice | 71 tins |
| Fruit - Preserved | 1 x 2 lbs. |
| Fruit Salad | 1 tin |
| Fruit - Canned | 123 cans |
| Flour | 10 lbs. |
| Flour - Cake | 1 x 5 lbs. |
| Flour - Self Rising | 11 x 1 lb. |

Grapefruit .. /

FOODSTUFFS CONDEMNED

Cont'd.

| | |
|---------------------------|-----------------------------|
| Grapefruit | 169 poc. |
| Giblets | 2 |
| Guava - Jelly | 6 tins |
| Guava - Cocktail | 31 x 12 ozs. |
| Haddock | 17 pkts. |
| Herrings | 25 tins |
| Herring - Roes | 4 x 4 ozs. |
| Herbs | 1 pkt. |
| Ice Cream Powder | 2 cartons |
| Jam | 86 $\frac{1}{2}$ lbs. |
| Jelly | 2 pkts.; 13 cartons; 3 tins |
| Kidneys | 1 tin |
| Kippers | 4 tins |
| Lemon Juice | 1 bottle |
| Lemon Curd | 1 jar |
| Lemons | 49 pockets |
| Lentils | 2 x 1 lb. |
| Lime Juice | 1 bottle |
| Meat and Vegetables | 9 tins |
| Meat - tinned | 8 tins |
| Meat - paste | 2 x 3 ozs.; 2 x 2 ozs. |
| Meat - corned | 59 tins |
| Milk-shake mix | 1 bot. |
| Milk - condensed | 2 tins |
| Milk - evaporated | 10 tins |
| Maltabella | 9 pkts. |
| Meal | 9 tins |
| Mushrooms | 2 x 10 ozs. |
| Matzos | 14 lbs. |
| Macaroni | 13 pkts. |
| Marmalade | 9 tins |
| Mayonnaise | 104 bottles |
| Nuts - mixed | 1 tin |
| Nestum | 1 x 8 ozs. |
| Oatmeal | 13 x 1 lb. |
| Olives | 6 x 6 ozs. |
| Oranges in Syrup | 5 tins |
| Oats | 32 lbs. |
| Onions - Cocktail | 3 x 5 ozs. |
| Onions - Pickled | 63 jars |
| Olive Oil | 44 x 3 $\frac{3}{4}$ ozs. |

Pears ../

FOODSTUFFS CONDEMNED

Cont'd.

| | |
|--------------------------|---------------------------|
| Potatoes | 261 pockets |
| Potato Chips | 1 carton |
| Peaches | 11 trays |
| Pate | 21 x 4 ozs. |
| Peas | 20 poc.; 3 lbs. & 50 tins |
| Pearl Barley | 3 x 1 lb. |
| Peanuts - salted | 8 boxes |
| Peanut Butter | 7 bottles |
| Pineapples | 4 tins |
| Pickles | 1 tin; 9 jars; 24 bott. |
| Puddings | 7 |
| Plums - tinned | 9 lbs. |
| Prunes | 1 lb. |
| Quinces | 1 tin |
| Raisins | 1 lb. |
| Red Peppers | 2 bottles |
| Ravioli | 42 ozs. |
| Rice | 1 tin |
| Sardines | 446 tins |
| Salmon | 1 tin |
| Semolina | 8 x 1 lb. |
| Spice | 6 x 2 oz.; 23 cartons |
| Sugar | 5 lbs. |
| Strawberries | 26 tins |
| Sausages | 3 tins |
| Squash | 24 doz. |
| Spaghetti | 42 tins |
| Soups | 1 tin; 4 lbs. 10 ozs. |
| Sauerkraut | 10 tins |
| Sprats | 1 tin |
| Tomato Puree | 6 lbs. |
| Tomato Paste | 1 x 4 oz.; 1 bott. |
| Tomatoes | 31 boxes |
| Tomato Sauce | 23 x 1½ ozs. |
| Tomato Juice | 1 lb. |
| Turkeys | 3 |
| Unlabelled tins | 43 tins |
| Vegetable Salad | 14 tins |
| Vegetables - Mixed | 12 tins |
| Vermicelli | 3 pkts. |
| Yeast | 2 lbs. |
| Youngberries | 46 tins |

ABATTOIR1. ANIMALS SLAUGHTERED:

| | | |
|--------|---|--------|
| Cattle | : | 18,304 |
| Calves | : | 3,530 |
| Sheep | : | 72,192 |
| Pigs | : | 5,969 |
| Goats | : | 107 |

| | | |
|--------------|--|----------------|
| <u>TOTAL</u> | | <u>100,102</u> |
|--------------|--|----------------|

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

| | |
|--------------------|-------|
| Carcases of Beef | 941 |
| Quarters of Beef | 452 |
| Carcases of Mutton | 4,094 |
| Carcases of Veal | 79 |

3. INCIDENCE OF CERTAIN DISEASES:

| | Carcases Examined | % Infected | Carcases Condemned | % Condemned |
|--|----------------------|---------------|-----------------------|----------------|
| CATTLE - "Measles" (Cysticercus Bovis) | 18,304 | 7.8% | 235 | 1.3% |
| CALVES - "Measles" (Cysticercus Bovis) | 3,530 | 4.2% | 58 | 1.6% |
| PIGS - "Measles" (Cysticercus Cellulosae) | 5,969 | 0.9% | 50 | 0.8% |
| CATTLE - Tuberculosis | 18,304 | 0.2% | 34 | 0.18% |
| CALVES - Tuberculosis | 3,530 | 0 | 0 | 0 |
| PIGS - Tuberculosis | 5,969 | 1.0% | 0 | 0 |

4. SUMMARY OF MEAT CONDEMNED:

| | Carcases | Estimated Weight |
|--|----------|------------------|
| <u>BEEF:</u> | 505 | 202,000 lbs. |
| BEEF: Portions of Carcases, Organs, etc. | - | 327,560 lbs. |
| <u>VEAL:</u> | 115 | 4,600 lbs. |
| VEAL: Portions of Carcases, Organs, etc. | - | 4,016 lbs. |
| <u>PORK:</u> | 64 | 7,680 lbs. |
| PORK: Organs, etc. | - | 11,301 lbs. |
| <u>SHEEP, GOATS & LAMBS:</u> | 120 | 4,200 lbs. |
| SHEEP, GOATS & LAMBS: Organs, etc. | - | 194,000 lbs. |
| | | 755,357 lbs. |

ABATTOIR Continued.

CARCASSES TOTALLY CONDEMNED AS UNFIT FOR HUMAN CONSUMPTION.

| Disease or Condition | Bovines | Calves | Sheep | Goats | Pigs |
|--|---------|--------|-------|-------|------|
| adenitis (Acute and Generalised) | - | 1 | - | - | - |
| adenitis and Enteritis (Acute) | - | - | - | - | 1 |
| anaemia (Acute) | 1 | - | - | - | - |
| anaemia and Emphysema | - | - | 1 | - | - |
| anaemia and Oedema | 1 | - | - | - | - |
| anaplasmosis | 1 | - | - | - | - |
| Bacterial Necrosis (Acute) | - | - | 1 | - | - |
| Bruising (Generalised) | 19 | - | 1 | - | - |
| Bruising and C. Bovis | 7 | - | - | - | - |
| Bruising and Fever | 43 | 3 | 8 | - | - |
| Bruising and Oedema | 4 | - | - | - | - |
| Bruising and Peritonitis | 2 | - | - | - | - |
| Bruising and Sarcosporidiosis | 1 | - | - | - | - |
| Carcinoma | 1 | - | - | - | - |
| Caseous Lymphadenitis (Generalised) | - | - | 10 | - | - |
| C. Lymphadenitis and Emaciation | - | - | 3 | - | - |
| Cysticercus Bovis | 219 | 54 | - | - | - |
| Cysticercus Bovis and Emaciation | 3 | - | - | - | - |
| Cysticercus Bovis and Joint Ill | - | 1 | - | - | - |
| Cysticercus Bovis and Oedema | 1 | 3 | - | - | - |
| Cysticercus Bovis and Pyaemia | 2 | - | - | - | - |
| Cysticercus Bovis and Tuberculosis | 2 | - | - | - | - |
| Cysticercus Cellulosae | - | - | - | - | 50 |
| Decomposition (Imported Carcasses) | 5 | - | 1 | - | - |
| Emaciation | 14 | - | 21 | - | - |
| Emaciation and Fever | 1 | - | - | - | - |
| Emaciation and Oedema | 11 | 3 | 13 | - | - |
| Emaciation and Mastitis (Chronic) | 1 | - | - | - | - |
| Emaciation and Pleurisy | 1 | - | - | - | - |
| Emaciation and Pneumonia | - | 1 | - | - | - |
| Fevers (Undefined) | 5 | 9 | 21 | - | - |
| Fever and Fractures (Multiple) | - | 1 | - | - | 1 |
| Fangrene | 1 | - | - | - | - |
| Hepatitis (Acute) and Pleurisy | 1 | - | - | - | - |
| Icterus | 7 | 7 | 15 | - | - |
| Icterus and Bruising | 1 | - | - | - | - |
| Intramuscular Haemorrhages (Generalised) | - | 1 | - | - | - |
| Joint Ill | - | 2 | - | - | - |
| Mastitis (Septic) | 25 | - | - | - | - |
| Mastitis (Septic) and C. Bovis | 1 | - | - | - | - |
| Mastitis (Septic) and Pneumonia | 1 | - | - | - | - |
| Mastitis and Nephritis (Acute) | 1 | - | - | - | - |
| Moribund | - | - | 8 | - | - |
| Nephritis (Septic) | - | - | 2 | - | - |
| Neuro Fibroma | 11 | - | - | - | - |
| Neuro Fibroma and Mastitis (Septic) | 1 | - | - | - | - |
| Oedema | 13 | 3 | 4 | - | - |
| Oedema and Peritonitis | 1 | - | - | - | - |
| Peritonitis (Acute) | 2 | 1 | - | - | - |
| Peritonitis (Acute) and Pleurisy | 6 | - | - | - | - |
| Peritonitis (Septic) | 7 | - | - | - | - |
| Peritonitis (Septic) and Emaciation | 2 | - | - | - | - |
| Peritonitis (Septic) and Pleurisy | 8 | - | - | - | - |
| Pleurisy (Acute) and Peritonitis | - | - | 1 | - | 1 |
| Pleurisy (Septic) | 2 | - | 1 | - | - |
| Pneumonia | - | 3 | - | - | - |
| Pneumonia (Gangrenous) | 1 | - | - | - | - |
| Pneumonia (Septic) | 13 | 6 | 5 | 1 | 2 |
| Pneumonia (Septic) and Bruising | 1 | - | - | - | - |
| Pneumonia (Septic) and Mastitis | 1 | - | - | - | - |
| Pneumonia (Septic) and Peritonitis | 1 | - | - | - | - |
| Polyarthrititis (Generalised) | - | 2 | - | - | - |
| Pyaemia | 18 | - | - | - | - |
| Pyaemia and Bruising | 1 | - | - | - | - |
| Pyaemia (Umbilical) | - | 12 | - | - | - |
| Sarcoma | - | - | 1 | - | - |
| Sarcosporidiosis | 1 | - | - | - | 8 |
| Tuberculosis | 27 | - | - | - | - |
| Tuberculosis and Emaciation | 3 | - | - | - | - |
| Tuberculosis and Pneumonia | 2 | - | - | - | - |
| Underdevelopment | - | 2 | 2 | - | - |
| Uraemia | - | - | - | - | 1 |
| | 505 | 115 | 119 | 1 | 64 |

VISCERA AND PORTIONS OF CARCASSES CONDEMNED AS
UNFIT FOR HUMAN CONSUMPTION

| | Bovines | Calves | Sheep & Goats | Pigs |
|-------------------------------|------------|----------|---------------|----------|
| Heads | 1859 | 205 | 122 | 125 |
| Hearts | 892 | 348 | 14493 | 1551 |
| Intestines | 1752 | 204 | 31586 | 70 |
| Kidneys | 4054 | 230 | 280 | 180 |
| Livers | 7511 | 323 | 36659 | 2249 |
| Lungs (Pairs) | 3292 | 348 | 14493 | 1551 |
| Spleens | 1858 | 204 | 14326 | 70 |
| Tails | 690 | - | - | - |
| Tongues | 811 | 205 | 122 | 125 |
| Tripes | 1623 | 204 | 124 | 70 |
| Portions Estimated Weights | 26037 lbs. | 100 lbs. | 2000 lbs. | 400 lbs. |

LOCALISED INFECTIONS:

1 Cattle Head condemned due to LOCALISED Tuberculosis infection.
1 " Tongue " " " " "
9 " Lungs with " " " " "
Hearts " " " " "
61 Pig Heads with " " " " "
Plucks " " " " "

113 Cattle Heads and Tongues condemned due to LOCALISED Actinomycotic Lesions.

L I C E N C E A P P L I C A T I O N S

(1) Applications dealt with under Licences (Control) and

Municipal Licences Ord. No. 19 of 1942 and the

Borough By-Laws.

| | | | | | | | | | | | | | | | | |
|--|---|-----|----|---|----|-----|-----|----|---|-----|-----|-----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Applications Received | 3 | 238 | 32 | 3 | 21 | 257 | 404 | 63 | 9 | 385 | 239 | 228 | 53 | 4 | - | 22 |
| Applications Approved | 3 | 231 | 28 | 3 | 16 | 229 | 396 | 56 | 6 | 345 | 220 | 180 | 41 | 4 | - | 19 |
| Applications Approved Subject to Requirements | - | 6 | 3 | - | 5 | 28 | 8 | 6 | 3 | 39 | 19 | 27 | 12 | - | - | 3 |
| Applications Disapproved | - | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Applications Withdrawn | - | - | - | - | 1 | - | - | - | - | 1 | - | 1 | - | - | - | - |

Key to Table:-

| | | |
|---|--|-----|
| 1. Apothecary. | Applications Received | 241 |
| 2. Boarding Houses, Butchers, Building Contractors. | Applications Returned "Not in Order" | 8 |
| 3. Cobbler and Contractor. | Applications Returned with requirements | 27 |
| 4. Depot, Dressmakers, Dry Cleaners and Dealers. | Applications Approved for Temporary Licence | 2 |
| 5. Entertainment and Eating Houses. | Applications Withdrawn | 2 |
| 6. Fresh Produce, Fumigator and Flats. | | |
| 7. General Dealer, Garage. | | |
| 8. Hairdresser and Hawker. | | |
| 9. Laundry. | | |
| 10. Manufacturer, Mineral Water Dealer and Milk Purveyor. | | |
| 11. Pedlar and Patent Prop. Medicines. | | |
| 12. Refreshment Room. | | |
| 13. Storage and Speculator. | | |
| 14. Tailors. | | |
| 15. Undertakers. | | |
| 16. Warehouses. | | |

S A N I T A T I O N

| | |
|--|--------|
| Total of Inspections (General) carried out | 21,933 |
| Total of Rodent Inspections | 1,604 |
| Total of Notices and Letters served re Contravention of By-Laws | 3,494 |

INSPECTIONS (GENERAL) GIVEN IN DETAIL

| | |
|---|-------|
| 1. Public Markets | 297 |
| 2. Butchers' Shops | 192 |
| 3. Dealers and General Dealers (Food) | 904 |
| 4. Dealers and General Dealers (No Food) | 133 |
| 5. Fish and Poultry Shops | 93 |
| 6. Food Sampling | 556 |
| 7. Condemnation of Foodstuffs | 27 |
| 8. Bakehouses | 21 |
| 9. Milkshops (Purveyors of Milk) | 133 |
| 10. Ice Cream (Distributors and Manufacturers of) | 19 |
| 11. Tea Shops, Cafes, Restaurants and Eating Houses | 739 |
| 12. Residential Hotels, Boarding Houses | 205 |
| 13. Aerated Water Manufacturers | 15 |
| 14. Other places where food is manufactured | 19 |
| 15. Hawkers' Premises | 141 |
| 16. Hawkers' Carts | 54 |
| 17. Butchers' Carts and Carriers | 7 |
| 18. Milk Delivery Carts and Ice Cream Carts | 4 |
| 19. Milk Depots and Pasteurising Plants | 370 |
| 20. Bakers' Carts | 1 |
| 21. Theatres and Bioscopes | 17 |
| 22. Smoke Nuisance | 102 |
| 23. Common Lodging Houses | 138 |
| 24. Barracks | 125 |
| 25. Native Quarters | 379 |
| 26a. Structural Defects in Premises | 778 |
| 26b. Defective Washing Areas | 42 |
| 26c. Defective Sanitary Fittings | 311 |
| 27. Other House Inspections | 1,414 |

c/forward

7,236

SANITATION

Cont'd.

| | | |
|---|-----------------|--------|
| | b/forward | 7,236 |
| 28a. Undrained Premises | | 149 |
| 28b. Defective Storm and Waste Water Drains | | 248 |
| 29. Hairdressers | | 51 |
| 30. Laundries | | 104 |
| 31. Schools | | 17 |
| 32. Factories and Workshops | | 40 |
| 33. Builders Yards | | 21 |
| 34. Wood and Coal Yards | | 25 |
| 35. Courts, Lanes and Alleys | | 235 |
| 36. Vacant Ground | | 517 |
| 37. Piggeries | | 4 |
| 38. Horse Stables | | 69 |
| 39. Cowkeepers Premises | | 57 |
| 40. Dairy Stables and Dairies | | 768 |
| 41. Hide and Skin Merchants' Premises | | 66 |
| 42. Poultry Keepers | | 1,199 |
| 43. Infectious Diseases Visits | | 838 |
| 44. Malaria and Mosquito Inspections, etc. | | 930 |
| 45. Malaria-Permanent Works, Drains, Tree Planting, etc. | | 137 |
| 46. Public Sanitary Conveniences | | 34 |
| 47. Sanitary Conveniences | | 254 |
| 48. Septic Tanks, French Drains, etc. | | 48 |
| 49. Pail Privies | | 214 |
| 50. Pit Privies | | 63 |
| 51. Refuse and Refuse Bins | | 1,866 |
| 52. Refuse Tips | | 76 |
| 53. Other Visits | | 1,218 |
| 54. Premises Fumigated for Vermin..... | | 160 |
| 55. Other Visits in Connection with Fumigation | | 13 |
| 56. Disinfections | | 2 |
| 57. Disinfection of Bedding and Clothing | | 17 |
| | c/forward | 16,676 |

SANITATION

Cont'd.

| | | |
|-----|---|--------|
| | b/forward | 16,676 |
| 58. | Rodent Inspections by Rodent Inspector | 1,604 |
| | (a) Rodent trapping operations 4) | |
| | (b) Rodent gassing operations 21) | |
| | (c) Rodent poisoning operations 181) | |
| | (d) Inspections of New Buildings for Rodent proofing 223) | |
| | (e) Other Rodent Inspections by Rodent Inspector 1,175) | |
| 59. | Other Rodent Inspections by Health Inspectors | 66 |
| 60. | Interviews and Complaints | 541 |

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS

(1) CITY ENGINEER'S DEPARTMENT.

| | | |
|-----|--|-----|
| 61. | Blocked Sewers, etc. | 107 |
| 62. | Street Drains | 95 |
| 63. | Defective Water Fittings | 41 |
| 64. | Defective Surface and Waste Water Drains | 106 |
| 65. | Other Defects | 39 |
| 66. | Unauthorised Structures | 83 |
| 67. | Sites, etc. re Plans | 707 |
| 68. | Water Sampling | - |

(2) MUNICIPAL BANTU ADMINISTRATION DEPARTMENT.

| | | |
|-----|--|-----|
| 69. | Licensing and Other Inspections of Premises under Urban Areas Act | 293 |
|-----|--|-----|

(3) LICENSING DEPARTMENT.

| | | |
|-----|--|-------|
| 70. | Inspection of Premises re Licence Applications | 1,443 |
|-----|--|-------|

(4) GENERAL.

| | | |
|-----|----------------------------------|-----|
| 71. | Other transportation trips | 132 |
|-----|----------------------------------|-----|

TOTAL : 21,933

PROSECUTIONS

| | |
|--|-----------|
| Total number of Prosecutions instituted | 22 |
| Under Public Health By-Laws | 4 |
| Under Dairy By-Laws | 7 |
| Under Food,Drugs and Disinfectants Act | 6 |
| Under By-Laws relating to Manufacture, Storage and Sale of Foodstuffs (2 of these in conjunction with General By-Laws) | 5 |
| Under Sanitary By-Laws | 0 |
| Under Public Health Act | 0 |
| Under Abattoir By-Laws | 0 |
| Under House Drainage By-Laws | 0 |
| Under General By-Laws | 0 |
| <u>TOTAL</u> | <u>22</u> |
| Total number in which accused found guilty and penalty imposed | 13 |
| Total number withdrawn, discharged and pending | 9 |
| <u>TOTAL</u> | <u>22</u> |

CONDEMNED PREMISES

Rooms and Buildings Condemned and/or Demolished

| | |
|---|-----------|
| (a) Under Public Health By-Law No. 17: (Demolition Orders) | 21 |
| (Of these premises 20 were demolished during the year, and 1 structure is not yet demolished). | |
| (b) Under Building By-Laws re dilapidated buildings | 0 |
| (c) Under Slums Act | 0 |
| (d) Voluntary Demolitions | 41 |
| <u>TOTAL</u> | <u>62</u> |

* * * * *

